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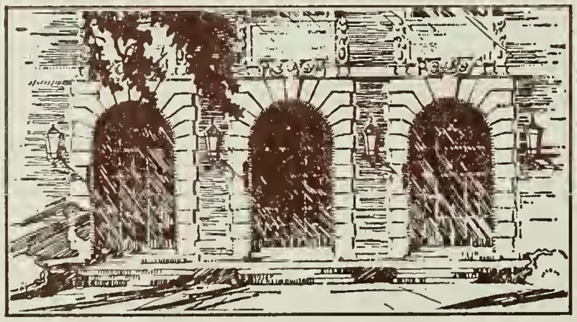

A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
JANUARY 1970
Volume 65 No. 1

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	39.6	17.3	28.5		71	28	-10	7	1127	0	10	28	6	1.13		.43	11	6.2	4	12+	3	0	0
BEAVER DAM	40.1	15.9	28.0		70	28	-12	10	1142	0	10	28	6	1.25		.50	29	11.3	6	11	4	1	0
FORDS FERRY DAM 50	37.3	16.5	26.9		72	28	- 5	22+	1174	0	12	30	2	1.10	- 3.37	.38	29	7.9	5	11	2	0	0
GILBERTSVILLE 1 SE	41.0	19.6	30.3		72	28	- 7	7	1069	0	10	28	6	.54		.27	29	4.6	4	8+	2	0	0
GOLDEN POND 8 N	39.6	17.4	28.5		70	29	- 8	10	1122	0	10	30	6			.22	29					0	0
GREENVILLE 2 W	40.7	17.5	29.1	- 8.0	70	28	- 8	10+	1106	0	10	28	6	1.21	- 3.78	.47	11		5	11	4	0	0
HENDERSON 7 SSW	37.4	17.6	27.5	- 8.6	70	28	- 5	21	1158	0	11	26	5	.83	- 4.18	.28	29	7.5	3	12+	4	0	0
HICKMAN 1 E	41.6	19.9	30.8		72	28	- 3	8	1054	0	10	28	5	1.19		.50	6	10.2	6	8+	4	1	0
HOPKINSVILLE	38.1	17.0	27.6	- 9.7	71	29	- 5	7	1154	0	12	29	7	.88	- 4.47	.35	11	4.2	4	7	3	0	0
LOVELACEVILLE	40.0	17.5	28.8	- 8.7	71	28	-10	7	1116	0	11	28	6	1.42	- 3.50	.53	29		3	11+	4	1	0
MADISONVILLE 1 SE	40.1	17.5M	28.8M		70	28	- 6	21	1113	0	9	28	6	.69		.23	11	4.6	3	12+	2	0	0
MAYFIELD RADIO WNGO	39.7M	17.0M	28.4M		69	28	- 6	9+	1128	0	11	28	6			.75	11		4	7		1	0
MURRAY	37.7	18.6	28.2	-10.2	71	29	- 5	7	1138	0	12	29	4	.77	- 4.42	.48	11	4.1	3	7	2	0	0
OWENSBORO 2 W	37.7	17.1	27.4	- 8.4	69	28	- 4	21+	1159	0	11	28	6	.91	- 3.74	.45	29	7.0	5	11	4	0	0
PADUCAH FAA AIRPORT	37.8	16.7	27.3		70	28	- 4	21	1161	0	12	29	5	.99		.47	29	5.8	2	20+	2	0	0
PADUCAH	40.4	19.2	29.8		71	28	- 5	21	1085	0	10	28	2	.90	- 3.84	.43	11	6.3	4	8+	3	0	0
PRINCETON 1 SE	40.5	18.6	29.6	- 7.8	70	29+	- 7	7	1089	0	10	27	6	.93	- 4.27	.50	11	6.5	3	13+	2	1	0
ROCHESTER LOCK 3	37.2	15.4	26.3		70	29	- 6	11	1191	0	11	30	8	1.17		.31	11		3	13+	4	0	0
RUSSELLVILLE	38.9	16.6	27.8	- 9.0	68	29	- 8	10	1147	0	10	27	7	1.39	- 4.12	.40	11				5	0	0
DIVISION			28.4	- 8.8										1.02	- 3.97			6.6					
* * *																							
CENTRAL 02																							
ANCHORAGE	38.6	18.3	28.5	- 5.9	67	28	- 5	22+	1123	0	10	26	5	1.51	- 2.79	.73	29	7.6	4	7	6	1	0
BARDSTOWN NAZARETH COL	38.5	17.3	27.9		66	29+	-13	10	1142	0	9	27	6	1.37		.49	29				4	0	0
BARREN RIVER RESERVOIR	38.1M	16.6	27.4M		68	29	- 9	10	1168	0	10	30	7	1.46		.37	12	14.1	5	11	6	0	0
BOWLING GREEN FAA AP	38.9	17.4	28.2	- 9.9	68	28	- 9	10	1133	0	9	29	6	1.70	- 4.00	.71	11	7.1	6	11	3	1	0
BRADFORDSVILLE	39.0	14.9	27.0		68	29	-16	10	1173	0	9	29	7										
CAMPBELLSVILLE 2 SSW	39.8	17.8	28.8		67	29	-11	10	1117	0	8	28	6	0 .99		.25	23+	11.9			4	0	0
CECILIA	37.9	16.5	27.2	- 7.7	66	28	-12	10	1166	0	9	27	7	1.30	- 3.86	.33	11	10.9	4	23+	5	0	0
CLERMONT 1 SSE	39.8	14.6	27.2		67	29+	-14	10	1164	0	9	28	7	1.06		.24	29		5	12+	5	0	0
GLASGOW WKAY	37.8	18.3	28.1		65	28	- 7	7	1139	0	12	27	6	1.46		.70	11	10.6	5	11	3	1	0
GREENSBURG	38.3	16.0	27.2	- 9.7	68	29	- 9	10	1166	0	10	29	8	1.28	- 4.07	.30	12	9.0	5	11	6	0	0
HODGENVILLE-LINCOLN NP	39.5M	16.6M	28.1M		67	28	-11	10	1134	0	9	27	6	1.15		.38	11		5	9+	4	0	0
IRVINGTON	38.7	15.9	27.3	- 9.0	68	29	-11	10	1163	0	10	26	6	0 1.57	- 2.89	.54	29		4	10+	6	1	0
LEITCHFIELD 2 N	38.2	16.2	27.2	- 9.8	69	28	-10	9	1163	0	11	27	6	1.42	- 3.91	.33	29	10.8			5	0	0
LOUISVILLE	39.7	20.7	30.2		69	29+	- 4	8	1072	0	9	26	4	1.23		.67	29		2	23+	4	1	0
LOUISVILLE WB AP R	37.5	18.3	27.9	- 7.1	68	28	- 2	21+	1141	0	10	26	4	1.40	- 2.70	.63	29	7.9	2	13+	3	1	0
MAMMOTH CAVE PARK	39.1	17.3	28.2		67	28	-12	10	1130	0	9	27	6	1.62		.60	11	12.5	4	11+	4	1	0
NOLIN RIVER RESERVOIR	37.5	14.5	26.0		68	29	-10	11+	1200	0	12	30	8	1.14		.23	29+		5	11	5	0	0
ROUGH RIVER DAM	36.5	12.9	24.7		67	29	-12	10	1242	0	12	29	8	1.17		.30	29	9.0	5	12+	5	0	0
SCOTTSVILLE 3 SSW	39.6	19.4	29.5		66	28	- 5	9+	1094	0	9	26	5	1.44		.52	29	9.5	4	11	4	1	0
SUMMER SHADE	39.0	17.4	28.2		67	29	-11	7	1132	0	10	28	6	1.56		.69	11	11.5	4	11	5	1	0
WOLF CREEK DAM	39.9	16.6	28.3		69	29	- 6	10	1129	0	9	28	7	1.64		.56	29				5	1	0
DIVISION			27.8	- 8.8										1.37	- 3.75			10.2					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	38.8	19.0	28.9	- 8.7	66	28	- 7	10	1111	0	9	26	6	1.32	- 3.64	.35	11	12.7	5	8+	4	0	0
CARROLLTON LOCK 1	38.0	17.0	27.5		67	29+	- 6	22	1155	0	11	26	6	1.27	- 2.57	.59	29	7.3	2	14+	2	1	0
COVINGTON WB AIRPORT R	33.1	14.8	24.0	- 7.6	64	29+	- 5	21	1265	0	17	27	7	1.27	- 2.29	.75	29	6.7	3	5+	2	1	0
CYNTHIANA 2	34.5	12.1	23.3		65	29	-10	7	1282	0	12	28	11	0 1.31					5	12		0	0
DANVILLE	35.8	16.7	26.3		67	29	- 5	22+	1190	0	12	27	8	1.30	- 3.80	.30	29	9.3	5	11	6	0	0
DIX DAM	37.8M	18.3	28.1M		66	29+	- 8	10	1140	0	11	26	6	1.38		.89	12				4	1	0
FALMOUTH 5 WNW	36.8	13.5	25.2		65	28	-13	10	1224	0	10	29	7	1.07	- 2.82	.62	29	6.0	3	14+	3	1	0
FARMERS 1 WNW	38.2M	16.9M	27.6M	- 8.7	68	28	-10	10	1155	0	10		7	.79	- 3.66	.24	29	8.5	5	9+	3	0	0
FLEMINGSBURG 1 SW	35.6	15.6	25.6		65	28	- 8	21+	1216	0	12	27	8	1.47		.62	29		4	10+	5	1	0
FRANKFORT LOCK 4	36.5	14.7	25.6	-10.2	67	29	- 5	22+	1214	0	12	29	8	.76	- 3.56	.37	29	6.3			2	0	0
LEXINGTON WB AIRPORT R	35.4	16.1	25.8	- 8.7	65	29+	- 8	21	1209	0	13	27	7	.95	- 3.99	.25	29	8.4	3	12+	5	0	0
MAYSVILLE SEWAGE PLANT	34.5	13.9	24.2	-10.6	66	29	- 6	9	1256	0	12	28	8	2.09	- 2.08	1.15	12		4	9	3	2	1
MOUNT STERLING	37.5	17.6	27.6		67	28	- 6	21+	1152	0	10	28	6	.93	- 3.96	.30	29		4	13+	6	0	0
OWENTON 2 S																							
RICHMOND	35.9	16.3	26.1		66	29	- 9	21	1200	0	14	27	7	1.27		.40	7	10.1	5	8+	4	0	0
SHELBYVILLE	34.3	14.0	24.2	-10.8	66	29	- 9	9	1260	0	14	29	9	1.26	- 3.42	.68	29	5.4	3	14+	3	1	0
WARSAW MARKLAND DAM	34.0	12.1	23.1	-11.4	66	29	- 9	23+	1294	0	15	29	8	.97	- 3.03	.51	29	4.6	3	12	2	1	0
WAYNESBURG 7 NE	38.1	18.3	28.2		65	29+	-10	21+	1137	0	10	26	6	1.04		.35	12	8.0	6	13+	4	0	0
WILLIAMSTOWN 3 NW	36.9	16.5	26.7	- 7.3	64	29+	- 7	21+	1179	0	12	29	6	1.03	- 3.08	.65	29	7.2	5	13+	2	1	0
DIVISION			26.0	- 9.9										1.19	- 3.44			7.7					
* * *																							
EASTERN 04																							
ASHLAND	36.1	14.5	25.3	-11.8	70	29	- 6	21	1221	0	12	29	5			.63	29	5.0	4	7		1	0
BARBOURVILLE	39.4	15.1	27.3		67	29	-13	10	1162	0	9	29	7	1.20		.33	12				4	0	0
BAXTER	37.8	15.4	26.6		65	30+	- 7	23+	1184	0	10	30	7	1.91		.94	30		4	24+	5	1	0
BLAINE	36.8	10.3	23.6		69	29	-15	22	1276	0	13	31	9	.99		.30	7	10.0			5	0	0
CUMBERLAND	40.3	17.1	28.7		65	29	-15	22	1119	0	8	29	5	2.11		.65	29	15.0	5	7	9	1	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 3

CLIMATOLOGICAL DATA

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	36.5	14.7	25.6		68	29	-11	22	1213	0	10	30	7	1.00		.30	30		5	7	4	0	0
GRAYSON 5 SE	36.7	12.3	24.5		70	29	- 9	8	1249	0	13	30	9	.97		.29	29	8.5	5	10+	3	0	0
HEIDELBERG LOCK 14 R	41.3	17.4	29.4		67	29+	-12	10	1099	0	9	30	4	1.26	- 3.31	.43	29		3	8+	5	0	0
HINDMAN 11 NNE	37.6	14.9	26.3		68	29	- 9	22	1193	0	9	30	7	1.22		.37	7	9.0	4	9+	5	0	0
HYDEN	38.1M	14.2M	26.2M		66	29	-13	11+	1200	0	9	30	7	1.47		.52	30		5	7	5	1	0
JACKSON	39.2	16.3	27.8		68	29	- 7	11+	1149	0	10	28	6	1.16		.25	7					0	0
LONDON FAA AP	37.2	16.0	26.6		66	29+	-15	10	1182	0	11	29	6	1.74		.90	29	7.4	3	24+	4	1	0
MANCHESTER 4 SE	41.4	17.1	29.3		68	29	-13	10	1101	0	8	28	5	1.32		.49	30	8.2	3	24+	4	0	0
MC KEE	37.1	11.8	24.5		65	29	-14	11+	1252	0	11	30	8	1.37		.46	29	8.5	5	13+	5	0	0
MIDDLESBORO	38.1	16.4	27.3		63	30+	- 6	23+	1164	0	11	28	6	1.71		.74	30				3	1	0
MONTICELLO	40.9	18.2	29.6		71	28	-11	10	1090	0	9	26	6	1.71		.63	29	9.0			6	1	0
MOUNT VERNON	39.9	18.2	29.1		66	28	-12	10	1108	0	9	26	6	1.59		.62	29	11.5			6	1	0
PIKEVILLE	42.4	22.0	32.2		72	28	- 3	22	1012	0	8	25	1	1.21	- 2.56	.38	29	7.1	4	24+	6	0	0
SOMERSET 2 N	38.8	16.4	27.6		66	28	-14	10	1157	0	10	28	6	0 2.07		.65	29					1	0
STEARNS	38.3	15.5	26.9		63	30+	- 9	9	1173	0	9	30	7	1.36		.40	12				5	0	0
TOMAHAWK 1 WSW	36.4	12.5	24.5		71	29	-13	23+	1251	0	10	30	7	1.64		.65	30	9.4	4	7	6	1	0
VANCEBURG	38.9	15.1	27.0		70	28	- 9	22	1170	0	10	26	7	0 1.86	- 2.25	.53	29	8.8			7	1	0
WEST LIBERTY	36.1	12.0	24.1		69	29	-11	11+	1262	0	11	31	7	.99		.22	29+		5	8+	5	0	0
WILLIAMSBURG 1 E	42.5	19.8	31.2	- 8.5	67	29	- 9	10	1040	0	8	28	5	1.79	- 2.87	.67	12				5	1	0
DIVISION			27.1	-11.0										1.46	- 3.04			9.0					

EXTREMES

HIGHEST TEMPERATURE 4 STATIONS	72	DATE	28
LOWEST TEMPERATURE BRADFORDSVILLE	- 16	DATE	10
GREATEST TOTAL PRECIPITATION TILFORD	2.270		
LEAST TOTAL PRECIPITATION COBB	.48		
GREATEST 1 DAY PRECIPITATION MAYSVILLE SEWAGE PLANT	1.15	DATE	12
GREATEST TOTAL SNOWFALL CUMBERLAND	15.0		
GREATEST DEPTH OF SNOW GLASGOW	8	DATE	11

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KENTUCKY - JANUARY 1970

SPECIAL WEATHER SUMMARY

January was a mostly cloudy, very cold, snowy, and relatively dry month, with a several-day January thaw near the end of the month. Two-thirds or more of the days were cloudy or partly cloudy. It was estimated that over much of Kentucky a January as cold or colder has occurred in only 5 to 10 of the past 100 years. Snowfall was much above average statewide. Despite the heavy snowfall, precipitation (rain, and melted snow and sleet) was much below average; it was estimated that over much of the State a January as dry occurs less often than 10 in 100 years.

Over much of the State it was the coldest January since 1966. Temperatures were bitterly cold on a number of days due to two surges of very cold arctic air down across the Commonwealth, and to snow cover which made for maximum radiational cooling at night. The mercury fell to zero or below in most areas on at least 5 January dates, and at scattered locations on 8 to 11 January days. These totals were much greater than is usual for the entire average year (1 to 3 days). Over much of the State only several Januarys in the past 100 years have had as many or more days with temperatures zero or below. A number of locations had minimum temperatures in the range 10° to 20° below zero. These very cold temperatures were responsible for many stalled cars and many burst waterpipes. There was ice on several of the rivers and some ponds froze thickly enough to allow ice skating.

Temperatures did not rise above the freezing mark, 32°, on 7 to 19 days, depending on location. On January 8 temperatures rose no higher than 3° at scattered locations and climbed no higher than 4° below zero atop Big Black Mountain (elevation 4,137 feet) in Harlan County in southeastern Kentucky. Toward the end of the month temperatures climbed steadily as southerly winds continued to bring in warmer air. Readings reached the sixties and low seventies on the 28th before falling sharply on the 29th. There were numerous thunderstorms on the 29th, chiefly in the early morning hours, as a cold front swept across Kentucky. High winds on that date resulted in some reported damage, but no injuries were reported. About a half-dozen farm buildings were downed in eastern Kentucky.

Much of the State had snow cover from about one-third to more than half of the days. The snow and freezing rain and sleet made for hazardous conditions for pedestrians and for vehicular traffic. Schools statewide were closed a number of days due to the snow and/or the extreme cold. In a number of sections on several days of the month stores were not open the usual length of time and activities at some manufacturing plants were curtailed.

As the month began: along the upper Cumberland Basin in southeast Kentucky the water was falling from the levels reached during the major flooding on December 30; levels along the Ohio River and a number of its tributaries were rising considerably as a result of the heavy late-December rainfall and snowmelt. By the 8th of January in western Kentucky, the water had risen to near or slightly above flood stage along portions of the Green River and the lower Ohio River, only minor flooding resulting.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details see the accompanying tables; this month's issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY (river and flood conditions).

DAILY PRECIPITATION

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * WESTERN 01																																	
BARDWELL 4 E	1.13		T	T			.21	T				.43					T		T	.01	.04			.02	T	T			T	.42			.
BEAVER DAM	1.25	.02	.04				.11					.33							.08		.05			.12						.50			.
CALHOUN LOCK 2	.72	.02	T	.02	T		T	.06	T			.14	.04					T	.01	.07	.04	T		.06	T					.26			.
COBB	.48			T				.05				.22						T		.07										.14			.
DAWSON SPRINGS	D .66	T	T	T			.25	.20				.03							T	.10				D .05						.03			.
DUNDEE 4 ESE	1.03	.05					.04	.12				.35								.08	T	.04		.15						.20			.
DUNMOR	.94			T			T	.06		T		.43	T							.03	.02			.04	T					.36			.
ELKTON 2 S	.91	T	.02				T	.16	T	T	T	.05	.31						T	T	T	.01		T			T			.36			.
FORDS FERRY DAM 50	1.10	.02	T	.02	T		.08	.09				.24	.05				.02	.02	.08	.07	.03		T	T						.38			.
FRANKLIN 1 E	1.04						T	.20				.36							.09		.09			.04						.26			.
GILBERTSVILLE 1 SE	.54	T					.21	T				T					T		.06		T			T		T				.27			.
GOLDEN POND 8 N	-						0 .20	D .10				0 .20	0 .10								0 .05			-						.22			.
GREENVILLE 2 W	1.21	.04	T	.02			.10					.47							.07		.02			.10						.39			.
HARTFORD 6 NW	.76	.02	.01	T	T		T	.06			T	.34	T						T	.05	.02	T		.08						.18			.
HENDERSON 7 SSW	.83	.01	.03	T			.12			T		.20							.03	T	.02			.14						.28			.
HICKMAN 1 E	1.19	.05					.50	T				.20	T				T	T	.03		.14	T	T	.02		T				.25			.
HOPKINSVILLE	.88	T		T			.02	.15	T			.35	.07						.02	.03	.04									.20			.
LOVELACEVILLE	1.42						.30					.41							.10		.08									.53			.
MADISONVILLE 1 SE	.69						.03	.03				.23							.04		.09			.05						.22			.
MAYFIELD RADIO WNGO	-	T	T	T			-					.75					T	T		T	.04			.03						.38			.
MURRAY	.77						.02	.01				.48	T						.04	.02	.02			T						.18			.
OWENSBORO 2 W	.91	T	T	T			T	.15				.15						T	T	T	.06			.10						.45			.
OWENSBORO DAM 46	1.08	.04	T	.01			T	.03	T	T	T	.15	.02	T				.04	.02	T	.02			.14	.04	T				.57			.
PADUCAH FAA AIRPORT	.99		T	T		.04	.04	T			.03	.29	T				.02	T	.07	T	.03		T	T						.47			.
PADUCAH	.90						.12					.43							.08		T			T						.27			.
PARADISE STEAM PLANT R	1.56	T		.02			T	.30				.25	.45						T	.10	.04	T		.10						.30			.
PRINCETON 1 SE	.93	T	T	.01			.06					.50							.05		.03			.02	T					.26			.
ROCHESTER LOCK 3	1.17	.03		.01			T	.17				.31	.15						.03	.05	.05			.08						.29			.
RUSSELLVILLE	1.39						.20	.24		T		.40	T						T	.08				.10						.37			.
SEBREE	1.27	T	T				T	.12				.21							T	.39	.03			.12						.40			.
UNIONTOWN DAM 49 //	1.06	T	T	T	T		T	T				.24	T					T	T	T	T	T	T	.30	T	T				.52			.
* * * CENTRAL 02																																	
ADDISON DAM 45 //	1.52	T	T	T	T	T	T	.18		.02	T	.21	T					T	T		.03	T		.33	T					.75			.
ALBANY 4 N	1.34							.18				.31	.34								.09			.21						.21			.
ANCHORAGE	1.51	.13	.11	.02			.10	T		.04		.15							.03	T	.03			.16						.73	.01		.
BARDSTOWN NAZARETH COL	1.37	.19	.01	T	.01		.06			T		.22	.03	.01	.02				.05		.05			.16	.05	.01				.49	.01	T	.
BARREN RIVER RESERVOIR	1.46	T	T		T			.14	T	T	T	.26	.37						.02	T	.04	.03	.01	.11	.11					.33	.04		.
BOWLING GREEN	1.43	.04	T	T								.50							.12	T	.05	T		.30		.17				.25	T		.
BOWLING GREEN FAA AP	1.70	.01	.01	T	T		.30	T	T	T		.71	T					.03	.07		.08		.08	.01						.40			.
BRADFORDSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
BROWNSVILLE	1.12	T	T	T	T		T	.15		T	T	.25	.18						.06	.02	.03	T		.15	T					.28			.
BURKESVILLE 2 W	2.19							.30				.57	.23						T	T	.07			.22						.80			.
CAMPBELLSVILLE 2 SSW	D .99	.01	0 .03	.02			.25			.03		.25	T						T		T			.25		T				.15			.
CANEYVILLE	1.90		T	.05			.05	.40		T		.42	.08						T	.12	.09	.07		.22						.40			.
CECILIA	1.30	.02	T	T			.19			.02	T	.33	T						.09		.12			.21	T	T				.32			.
CLERMONT 1 SSE	1.06	T	.02				.19	.08		.01		.17	.01					T	.14		.04			.16						.24			.
EDMONTON	1.88							.10				.35	.30								.10			.28						.70	.05		.
GAMALIEL 1 S	1.07	T	.03				T	.22	T	T	T	.25	.20					T	T	.03	.06	T		.06	T		T			.22	T		.
GLASGOW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.35			.
GLASGOW WKAY	1.46	.02		T			.09	T	T	.01		.70						.02	.04		.05	T		.25						.28			.
GLENDALE 1 E	.97	T	T					.10		T		.15	T						.01	.02	.10	T		.29						.30			.
GREENSBURG	1.28	T	T	T	T			.19		.01	T	.21	.30						T	.10	.02	T		.21	T					.24			.
GREENSBURG HIWAY 61	1.83	.01	.02	T	T		T	.18		T	T	.63	.26				T	T	.16	.03	.02	T		.20		T				.32			.
HODGENVILLE-LINCOLN NP	1.15	.02	T	T			.20	.03		T		.38						T	T		.14			.05						.33			.
IRVINGTON	D 1.57	.02	T	T			0 .40			0 .10		.20							0 .10	.03	T		T	.17		.01				.54			.
LEITCHFIELD 2 N	1.42	T	.03	T			T	.11		.03		.31	.30						T	.08	.03	T		.20	T					.33			.
LIBERTY	1.72		.05	.04				.15	T	T	.02	.04	.36	.05					.08	.03	.02			.25	.02					.55	.06		.
LOUISVILLE	1.23	T	T	T			.20	T		T		.12							.10		.05			.09		T	T			.67			.
LOUISVILLE WB AP R	1.40	.03	.05	.02	T		.20	T	T	.02		.17	T					.01	.08	T	.08		.03	.08					T	.63	T		.
LOUISVILLE UPPER GAGE	.98	T	T	.10	T	T	T	.10		.02	T	.05	.03				T	T	.07	.03	T	T	T	.05						.53	T		.
MAMMOTH CAVE PARK	1.62	T	T	.01	T		.20	.05		T		.60	.08					.04	.07	T	.04			.26						.27			.
MILLERSTOWN	1.36		T	.03			.08	.20	T	T		.11	.31						.08	.05	.04			.10						.36			.
MUNFORDVILLE	D 1.34	T	T	D .03	T		.10			T		.31	.25						.10	D .05				.30	T					.20			.
NOLIN RIVER RESERVOIR	1.14	T		.01			T	.15				.20	.23						.05	.03	.03	.05		.16						.23	T		.
ROUGH RIVER DAM	1.17				T		T	.25		T	T	.25	.06				T		T	.12	.05	T	T	.14	T					.30			.
SCOTTSVILLE 3 SSW	1.44	.02					.31					.34							T		.08			.17						.52			.
SCOTTSVILLE 2 SW	1.80	T	T				T	.40		T	T	.35	.35							T	.15			.15						.40			.
SHEPHERDSVILLE	-	T	T					D .10				-	-											.10	.02					.42			.
SUMMER SHADE	1.56	T					.13					.69	T					T	.03		.11			.14						.46			.
WOLF CREEK DAM	1.64						T	.21			.01	.23	.31						T		.07			.25						.56			.
WOODBURY LOCK 4	1.03		.01	T			T	.14		.03		.25	.26							.01	.02	T		.14						.17			.
* * * BLUE GRASS 03																																	
BEREA COLLEGE	1.32	.02	.02		.01		.25	.05	T	.01		.35	T					T	.03		.04			.22	T		T			.32	T		.
BEREA	1.10	T	.02	T				.20		.01	.01	.01	.23						.04	.06	.01	.04		.14	.02					.18	.13		.
CARROLLTON LOCK 1	1.27	.05	T	.04	T			.07		.03	T	.07	.20						.08	T	.02	.04		.08	T					.59	T		.
COVINGTON WB AIRPORT R	1.27	.09	.07	.02	.01		T	T	T	.02		.15	T					T	.04	T	.04		T	.08		T	T			.75	T		.
CYNTHIANA	1.31	.01	T	.03	T	T		.22		.01	T	T	.13						.12	.04	T	.03		.14	.04					.54	T		.
CYNTHIANA 2	D 1.31	.20	T	T				D .30				.05	0 .10							*	*	*	*	*	.46					.20			.
DANVILLE	1.30	T	.02	.02	T			.29		.01	.02	.12	.12						.10	.05	.05	.02		.16	.01	T	T			.30	.01	T	.
DIX DAM	1.38	T	.04				T	.11	T	T	T	T	.89							.05	.04	T	T	.10			T			.15			.
FALMOUTH 5 WNW	1.07	T	.03	.03	T	T		.16		T	T	T	.12						T	T	T	.02		.09	T	T				.62			.
FARMERS 1 WNW	.79	T				T		.23		T	T	T	.09	T					.04	.02	T	.02		.13	T	T	T	T		.24	.02		.
FLEMINGSBURG	1.57	T	.02	.01	T			.28	T	.06	.12						.10	T	T	T	T	.03		.17	T	T				.78			.
FLEMINGSBURG 1 SW	1.47	.01	.03		T		.24			.06	.12	.08					.10	T	T			.04		.17	T	T				.62			.
FORD LOCK 10	.87	T	T	T	T			.28		T	.03	T	.14					T	T	.06	T	.04	T	.18	.03		T	T		.09	.02		.
FRANKFORT LOCK 4	.76	T	T	.02	T			.16				T	.04						.06	.03	.03			.05	T					.37			.
GEORGETOWN WATER WORKS	.65	T					T	.22					.07							.07	T	.02		.09	T					.18			.
GEST LOCK 3	1.26	T	T	.07	T			.17		T	T	.03	.06						T	.07	T	T		.09	T					.77	T		.
HIGH BRIDGE LOCK 7	.72	.01	T	T	T			.20		T	T	.03	.14	T					.01	.06	.01			.16	.02					.08	T		.
KEENE 1 SSW	.91							.22		T			T								.03	.20								.46			.
LA GRANGE 1 ESE	1.87	.16	.18	.06	.08		.16	T	T	.03		.33	.03					T	.04		.04	T		.11	T					.65			.
LANCASTER	1.41		.05					.27					.34							.15	.05			.23						.32			.
LEXINGTON WB AIRPORT R	.95	.03	.02	T	T		.22	T	T	.01		.12	T	T				T	.13	T	.02		T	.15	T					.25	T		.
LITTLE HICKMAN LOCK 8	.81	T	T	T				.34					.16						T	T	T	.03		.17	T					.11			.
LOCKPORT LOCK 2	1.04	T		.05	T			.14		T		.02	.03						T	.04	T	.09		.09	T					.58	T		.
MAYSVILLE SEWAGE PLANT	2.09	T	.05	.02	T	T		.09				T	1.15	T					.06	.03	T	T		.12	T	.01	T			.53	.03		.
MIDWAY	.79	.02		.05				.18				.05												.26						.23			.
MOUNT STERLING	.93	T	T	T	T		.15		T	T		.10						T	.10	T	.13			.15		T				.30			.
OWENTON 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
RICHMOND	1.27		.02	T	T			.40		T		.04	.24						.05	.04	.03	.03		.13	.01					.28			.
SALVISA LOCK 6	1.45	.04	.02	.04				.16	T	.03	T	.07	.15	.02					.03	.12	.08	.06		.18	.03	T				.42	T		.
SHELBYVILLE	1.26	T	.03	.04	T			.22			T	.04	.05						.04	.05	T	T		.11	T					.68	T		.
SPRINGFIELD	.88							.18	T			.15	.12						T	T	T	.04	T	.20						.19			.
TAYLORSVILLE	1.06	T	.02	.05				.20		T		.10	.05						T	T	.03	.08		.18	.02					.33			.
TYRONE LOCK 5	.73	T	T	.02	T			.17			T	.03	.09						.04	.04	.04	.02		.06	T					.22	T		.
VALLEY VIEW LOCK 9	.81	T	T	T	T	T		.19	T	T	T	.08	.19	T					.01	.03	.01	T		.14	T					.15	.01		.
WARSAW MARKLAND DAM	.97	.03	.03	T	T	T	T	T	T	.02	T	.04	.18						.06	T	T	.02		.08	T					.51			.

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

KENTUCKY
JANUARY 1970

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WAYNESBURG 7 NE	1.04						T	.15				T	.35						.04	T				.18						.32			•
WILLIAMSTOWN 3 NW	1.03	.01	.02	T	T		.08	T	T	.01		.05	T						.12	T	.01			.07			T			.65	.01		•
* * *																																	
EASTERN 04																																	
ASHLAND	-			T				.20		T			-						.09	.08				.10						.63	.03		•
BARBOURVILLE	1.20				T			.24			.03		.33						.04	T	.03	.08		.19							.26		•
BAXTER	1.91			.09				.12					.28						T	T	T	.20		.21	.07				T	T	.94	T	•
BLAINE	.99		.03	.08				.30					.10						.07	.12	.02			.11						.16			•
BUCKHORN	1.07	T	T	.11	T	T		.11	.05	T	T		.18	T					T	T	T	.08		.10	.07		T			T	.37	T	•
BURDINE 2 NE	2.22			.15				.35	.10	.05	.05	.05	.20	.05						T	.20	.20	.12	.20	.10						.40		•
CLAY CITY 1 WNW	.93							.20					.13						.05	.10		.05		.15						.25			•
COLLEGE HILL LOCK 11	1.02	T	T	T				.17		T	T	T	.20						.03	.03	.02	T		.15	.01					.38	.03		•
CUMBERLAND	2.11	.04		.12	.07	T	.12	.31	T	.08	T	.08	.10	T				.10	.10	T	.15	.07		.12	T	T				.65	T		•
CUMBERLAND FALLS ST PK	1.28	.03		.04			.32					.37							.11		.08			.22		.01				.10			•
DEWEY DAM	1.00	T		.05	T			.20	.02	.02	T		.05						.04	.02	.02	.13		.12	.03						.30		•
ELKHORN CITY	1.70			.04	T			.30					.16						T	.12	T	.65			.08	.03					.32		•
FISHTRAP RESERVOIR	1.45		T	.10	T	T		.24	T	T	T		.12	.01					.12	.03	T	.10		.12	.05						.56		•
FREEBURN 2 SW	1.18			.10	T			.26	T	T			.12	.02					.12	.02	.02	.16	T	.13	T						.23	T	•
FRENCHBURG	.74		T					.33					.10		T															.31			•
GRAYSON 5 SE	.97		T	.02	T	T		.27		.02	T		.05	T					.02	.12	T	.03		.09	T					.29	.06		•
GRAYSON RESERVOIR	.84		T	.03	T			.23	T	.02			.03						T	.08	.07			.05						.33			•
HAZARD WATER WORKS	1.70			.13				.18	.09				.32									.03		.06	.02						.87		•
HEIDELBERG LOCK 14 R	1.26			T				.20		T			.17	T					.02	T		.05	.01	.14	.04					.43	.20		•
HINDMAN 11 NNE	1.22			.06	.08			.37	.02				T						.15	T	T	.17		.17	T						.20		•
HYDEN	1.47	T	T	.08		T		.27	T	T			.28	T					.02	T		.12		.13	.05						.52		•
JACKSON	1.16			.11				.25		.03			.20								*	.14		.11						.20	.12		•
JEREMIAH	1.54	T		.12	T		.10	.12	T	.01		.03	.20					.05	.05	.02	.10	T		.21	T					.53	T		•
LLOYD GREENUP DAM	1.04		T					.36	T				.05						.03	.03	T	T		.10	T		T			T	.47		•
LONDON FAA AP	1.74	T	.01	.02	T		.15	.05	.01	.01		.28	.03					T	.03	.01	.05	T	T	.19	T	T				.90	T		•
LOUISA 2	.99	.02	.03	.08				.20	.06	T	T	.02	.01	.01					.04	.03	.04	.05		.06	.04		T			.04	.26		•
MANCHESTER 4 SE	1.32			.06	T			.18		T			.27							.05		.08		.15	.04						.49		•
MARTIN	1.91		.20	.15	.24			.25		T			T						.10	.23	T	.19		T	.25						.30		•
MC KEE	1.37	T	T	.03				.14		.01		T	.26						.02	T	.03	.01		.19	.05					.46	.17		•
MIDDLESBORO	1.71	T	T	.07	T	T		.09	T		T		.45					T	.09		T	.09		.18	T						.74		•
MONTICELLO	1.71		.01	T				.15				.15	.24						.04	.02	.07	.02		.17	.03					.63	.18		•
MOUNT VERNON	1.59	T					.10	.11		T		.32	T					.06	.10	.02	.04			.22						.62			•
ONEIDA	1.25			.05				.22					.22							.10		.10		.15	.04						.37		•
PAINTSVILLE 1 S	1.19				.05			.24					.14							.15		.14	T	T						T	.47		•
PIKEVILLE	1.21	T		.11	T		.13	.04	T	T		.03	.06					.10	.05	.05	.11			.15						.38	T		•
PINEVILLE 4 NW	1.65			.14				.22	.02	.02	.03		.33						.06	.03	.06	.08		.15	.03						.48		•
RAVENNA LOCK 12	.78		T	T				.11		T	T	T	.11	T					.05	.03	.04	.02		.12	.13	T	T			.12	.05		•
SALYERSVILLE 2 SE	1.39			.08				.18													.15			.15						.30	.53		•
SOMERSET 2 N	D 2.07		.02	.06			.18	D .02		.12		.31						.08	.04		.12			.23		.18	.04			.65			•
STEARNS	1.36			.06				.25	T			.10	.40						.05	T	.05	.10		.35							T		•
TILFORD	D 2.27		1.02	.05	T	T	.04	D .05	T			T	0 .04	T	0 .02			T							T			T		1.05			•
TOMAHAWK 1 WSW	1.64		T	T	T			.31	T	.04			T						.13	T	T	.15		.14						.22	.65		•
VANCEBURG	D 1.86		T	T			D .20	D .30				0 .10							.45	T		0 .10		0 .18						.53	T		•
WEST LIBERTY	.99	T	T	.08	T	T		.22	T	T	T		.13						.03	T	T	.16		.11	T					.22	.04		•
WILLIAMSBURG 1 E	1.79	.02	.02					.25				.30	.67						.07					.21							.25		•
WILLOW LOCK 13	D .80		T	T	T			.08		.02	T	T			0 .03				T	T		.09		.15	T					.28	.15		•

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages- percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	26	6.3	10.8	35++	21	28	73	74	66	66	10	8	1	1	0	0	20	-	7.7
LEXINGTON WB AIRPORT	24	5.5	10.0	24++	20	28	78	81	69	70	11	4	5	0	0	0	20	-	7.1
LOUISVILLE WB AIRPORT	26	4.6	9.5	34	SW	28	66	70	59	57	7	9	2	1	0	0	19	53	7.1

DAILY TEMPERATURES

KENTUCKY
JANUARY 1970

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	31	33	32	44	49	39	15	10	17	28	35	34	38	46	50	52	51	37	21	23	19	28	35	46	62	58	59	71	67	44	54	39.6
	MIN	26	23	11	18	26	11	-10	-8	-3	-4	25	29	10	13	18	24	30	11	10	14	-5	0	25	23	42	27	27	44	37	19	22	17.3
BEAVER DAM	MAX	35	35	31	42	50	45	11	9	12	23	34	35	37	50	56	59	53	50	25	23	15	25	32	40	63	61	55	70	69	42	55	40.1
	MIN	29	21	13	10	22	9	-9	-8	-3	-12	17	27	2	10	26	23	31	19	12	13	-6	-9	21	16	36	31	27	40	36	22	27	15.9
FORDS FERRY DAM 50	MAX	35	33	25	42	48	21	13	9	15	26	35	32	40	45	53	57	51	27	20	19	10	10	34	48	62	54	53	72	68	44	55	37.3
	MIN	23	19	13	20	21	6	2	2	3	2	24	17	14	21	27	27	26	15	9	1	-5	-5	2	19	20	30	32	48	30	23	26	16.5
GILBERTSVILLE 1 SE	MAX	32	34	30	44	52	45	15	12	17	28	35	35	39	48	55	55	51	47	22	22	17	28	35	49	63	60	57	72	70	45	56	41.0
	MIN	28	23	12	19	31	12	-7	-3	-2	0	25	30	15	18	28	29	32	17	12	14	-4	0	27	21	42	32	29	45	37	19	28	19.6
GOLDEN POND 8 N	MAX	37	35	39	31	49	53	19	10	12	19	33	35	36	44	50	56	58	57	23	24	23	17	31	36	57	64	55	63	70	47	45	39.6
	MIN	30	26	14	17	29	18	-2	-3	-5	-8	13	24	15	16	23	28	32	19	13	14	-4	0	8	23	26	31	29	31	41	20	20	17.4
GREENVILLE 2 W	MAX	33	36	31	43	50	44	12	10	14	24	35	35	41	50	56	57	54	52	25	23	16	25	32	46	63	61	57	70	69	44	55	40.7
	MIN	29	24	12	12	25	10	-8	-5	-2	-8	20	29	6	15	25	27	32	18	12	13	-5	-4	22	20	38	30	28	44	37	22	23	17.5
HENDERSON 7 SSW	MAX	30	30	28	40	46	36	10	7	13	23	34	34	35	45	50	52	50	46	22	18	14	24	34	44	60	52	50	70	65	42	54	37.4
	MIN	29	24	12	11	30	7	0	-3	1	-2	20	25	5	11	23	32	34	16	11	10	-5	0	22	8	39	32	33	42	35	22	22	17.6
HICKMAN 1 E	MAX	31	34	32	48	52	43	19	12	21	29	35	33	39	49	53	50	51	51	22	21	21	31	36	51	64	60	61	72	70	46	54	41.6
	MIN	27	24	13	19	30	9	-2	-3	0	-1	26	31	17	18	23	28	21	17	11	14	-2	7	28	27	43	32	30	45	41	22	22	19.9
HOPKINSVILLE	MAX	32	33	36	25	45	51	20	14	9	18	30	34	36	38	49	55	56	54	21	25	22	19	30	34	53	64	54	60	71	48	44	38.1
	MIN	29	25	13	13	19	18	-5	-4	-3	-2	-2	27	15	16	22	29	32	21	15	15	-3	-2	9	22	25	33	30	31	47	22	21	17.0
LOVELACEVILLE	MAX	30	32	29	45	48	40	12	10	19	30	35	34	41	48	54	54	50	44	21	23	15	28	36	47	62	57	60	71	66	44	55	40.0
	MIN	27	21	10	13	25	10	-10	-7	-1	-2	26	30	10	12	20	26	31	15	10	14	-5	0	27	28	40	28	28	44	33	17	21	17.5
MADISONVILLE 1 SE	MAX	33	35	31	42	50	44	12	8	13	24	34	35	41	48	55	57	52	49	24	20	16	26	35	46	62	59	57	70	67	44	54	40.1
	MIN	29	24	12	13	26	9	-5	-3	0	-4	21	28	5	14	25	26	30	17	10	12	-6	-5		20	42	30	29	39	35	22	29	17.5
MAYFIELD RADIO WNGO	MAX	31	32	30	48	48	44	13	11	18	29	36	34	43	50	59	58	49		20	21	19	28	34			55	65	69	68	44	56	39.7
	MIN	28	22	13	19	24	10	-6	-5	-6	-3	27	30	12	15	22	29	28		12	15	-3	0	22			26	27	39	39	16	25	17.0
MURRAY	MAX	31	34	35	29	46	51	15	7	9	18	32	34	34	41	49	56	54	52	21	23	23	16	31	35	56	64	53	62	71	43	44	37.7
	MIN	29	26	14	17	26	13	-5	-3	-1	2	13	30	14	20	25	28	31	18	13	15	-3	1	14	24	30	30	31	38	40	20	26	18.6
OWENSBORO 2 W	MAX	33	32	30	40	45	40	12	6	13	21	34	35	37	46	53	53	51	45	25	20	16	23	32	40	58	51	53	69	60	42	54	37.7
	MIN	29	26	13	14	26	8	-3	-3	-3	-4	20	27	2	13	24	28	31	18	11	10	-4	0	20	2	36	32	30	41	36	22	27	17.1
PADUCAH FAA AIRPORT	MAX	30	33	27	44	49	22	14	9	19	27	35	33	42	45	53	52	49	26	21	20	16	28	34	47	60	47	58	70	65	43	53	37.8
	MIN	24	19	13	19	22	-2	-2	-3	1	0	23	16	9	11	21	27	26	13	10	3	-4	1	26	22	43	30	29	45	26	20	30	16.7
PADUCAH	MAX	31	34	31	44	50	41	13	13	16	28	35	34	38	48	54	56	50	48	21	21	17	28	34	48	62	61	56	71	69	44	55	40.4
	MIN	28	24	14	18	28	9	4	0	2	4	24	29	8	15	22	26	31	15	10	13	-5	2	26	22	42	28	27	44	37	20	28	19.2
PRINCETON 1 SE	MAX	31	34	31	44	50	50	12	11	15	25	35	34	41	47	58	55	51	49	21	20	18	27	33	46	62	58	59	70	70	43	54	40.5
	MIN	28	23	10	18	29	9	-7	-5	-2	-4	22	28	9	17	33	31	32	16	10	12	-5	-2	25	21	41	30	29	46	37	20	27	18.6
ROCHESTER LOCK 3	MAX	34	33	36	23	43	50	21	12	9	14	28	34	35	40	50	56	57	52	25	26	20	17	29	33	49	63	49	55	70	48	43	37.2
	MIN	31	26	15	14	21	20	-2	-2	-1	-5	-6	27	7	7	12	21	23	23	17	14	-2	-4	-4	21	23	30	27	28	46	25	26	15.4
RUSSELLVILLE	MAX	33	34	37	30	44	50	23	17	12	17	34	34	35	38	46	55	57	48	28	25	22	19	29	33	52	65	59	60	68	48	54	38.9
	MIN	29	26	12	12	20	15	-3	-4	-4	-8	-4	27	11	11	24	23	34	23	18	11	-4	-4	8	24	25	33	30	35	47	24	24	16.6
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	33	33	32	37	45	43	18	7	10	22	34	34	38	46	54	53	52	49	29	25	18	24	30	39	58	58	50	67	66	40	53	38.6
	MIN	28	25	19	13	23	16	-4	-5	-2	5	15	27	10	15	23	28	35	22	12	10	-5	-5	20	17	33	34	31	38	35	29	25	18.3
BARDSTOWN NAZARETH COL	MAX	34	34	33	39	47	45	16	6	10	20	34	34	37	45	53	54	51	48	28	26	12	26	30	39	59	57	54	66	66	40	50	38.5
	MIN	30	24	22	15	27	14	-5	-6	-3	-13	15	28	3	16	27	26	24	23	12	9	-6	-5	21	12	35	34	31	40	35	24	27	17.3
BARREN RIVER RESERVOIR	MAX	39	35	39	33	44	50	31	22	8	13	27	34	34	36	48	56	58	48	31	30	21	18	29	35	51	61	52	55	68			38.1
	MIN	30	24	15	14	20	30	-6	-6	-3	-9	-7	25	9	10	15	24	27	29	23	17	-4	-4	1	24	25	32	25	28	53	27	27	16.6
BOWLING GREEN FAA AP	MAX	34	38	31	42	49	36	12	10	14	24	34	33	36	44	55	56	44	41	27	24	20	25	33	43	63	51	57	68	66	45	52	38.9
	MIN	26	24	15	18	25	6	-7	-3	-3	-9	21	19	11	13	21	21	31	24	20	4	-2	0	22	23	41	31	26	37	32	26	27	17.4
BRADFORDSVILLE	MAX	34	34	36	35	41	49	29	17	7	12	34	34	33	43	57	55	56	48	30	29	22	24	31	34	51	60	50	57	68	50	48	39.0
	MIN	30	23	15	11	13	26	0	-12	-5	-16	-5	30	1	9	21	19	30	27	9	14	-9	-8	2	12	31	33	27	32	50	26	25	14.9
CAMPBELLSVILLE 2 SSW	MAX	34	36	33	40	48	40	20	10	11	21	33	40	37	45	55	56	53	50	28	24	16	25	33	48	59	59	56	66	67	41	51	39.8
	MIN	30	25	13	14	28	19	-8	-6	-5	-11	18	29	9	14	25	26	27	25	15	14	-6	-3	19	22	36	32	28	38	35	25	25	17.8
CECILIA	MAX	33	34	30	39	48	38	14	7	12	20	33	34	35	45	53	52	48	43	28	23	15	24	34	39	59	57	54	66	64	41	52	37.9
	MIN	30	23	15	13	25	14	-7	-6	-6	-12	11	28	0	7	23	20	32	26	12	11	-6	-6	21	14	34	33	29	47	36	25	24	16.5
CLERMONT 1 SSE	MAX	34	35	35	38	47	47	20	8	10	21	34	35	38	47	54	55	53	50	30	28	18	25	32	39	58	59	55	67	67	41	54	39.8
	MIN	29	22	12	9	21	17	-11	-7	-3	-14	15	27	-1	11	20	21	29	23	8	14	-12	-11	20	8	34	34	27	32	34	23	21	14.6
GLASGOW WKAY	MAX	32	38	30	41	48	35	13	6	11	22	34	32	36	47	55	55	47	44	26	21	15	24	31	39	58	56	55	65	64	40	51	37.8
	MIN	30	24	15	14	24	13	-7	-2	-2	-6	20	26	12	14	23	24	32	25	20	12	-4	0	22	23	36	34	26	36	35	26	23	18.3
GREENSBURG	MAX	34	35	38	29	42	49	31	12	10	13	26	35	35	40	48	57	58	45	33	30	22	20	29	33	50	60	50	59	68	53	44	38.3
	MIN	30	23	17	15	19	25	-3	-3	-3	-9	-8	25	8	9	13	22	22	32	19	17	-3	-2	-2	22	22	33	25	27	52	27	24	16.0
HODGENVILLE-LINCOLN NP	MAX	33	36	35	40	49	46	19	8	10	19		34	35	48	53	54	51	45	28	30	16	24	31	37	59	59	55	67	65	45	54	39.5
	MIN	30	23	13	11	26	18	-10	-8	-5	-11	16		3	12	28	28	34	25	13	16	-8	-7	20	9	35	31	29	38	36	29	25	16.6
IRVINGTON	MAX	31	34	33	39	44	45	16	6	12	20	33	34	37	45	52	52	52	52	28	28	15	23	30	39	59	59	54	67	68	40	53	38.7
	MIN	29	25	15	13	22	15	-6	-5	-4	-11	12	27	3	9	22	23	34	20	10	12	-7	-7	20	2	35	34	29	42	35	22	23	15.9
LEITCHFIELD 2 N	MAX	35	35	29	43	50	35	11	6	11	20	35	32	37	48	53	54	50	46	28	23	14	23	31	39	60	52	56	69	64	41	54	38.2
	MIN	29	22	14	17	22	10	-8	-6	-10	-7	17	29	2	8	22	20	31	21	13	11	-6	-7	21	18	37	33	30	35	33	25	27	16.2
LOUISVILLE	MAX	35	34	34	37	45	45	18	8	11	22	33	34	38	47	55	55	54	53	30	27	19	24	30	41	60	60	52	69	69	39	53	39.7
	MIN	30	29	20	16	30	17	-2	-4	1	1	17	28	13	22	27	29	30	24	18	14	-2	0	24	19	38	37	34	38	37	25	32	20.7
LOUISVILLE WB AP	MAX	35	34	27	37	47	35	9	7	11	20	33	33	36	45	54	54	52	43	28	19	18	25	30	41	60	47	53	68	67	42	54	37.5
	MIN	27	27	18	16	24	9	-1	-2	2	1	20	14	7	17	24	25	33	19	15	4	-2	-1	22	17	38	36	32	36	33	26	32	18.3
MAMMOTH CAVE PARK	MAX	33	36	35	40	48	42	16	10	12	22	33	33	39	46	54	55	50	46	26	26	17	23	31	39	60	59	56	67	65	40	52	39.1
	MIN	30	21	12	9	27	15	-9	-3	-5	-12	18	29	6	15	21	26	34	23	15	16	-7	-6	21	22	36	30	27	40	35	25	25	17.3

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
JANUARY 1970

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	33	35	36	26	42	50	30	11	9	12	27	34	35	40	49	55	55	46	30	28	20	18	29	31	48	63	50	59	68	52	43	37.5
	MIN	30	27	13	17	17	28	-6	-8	-3	-10	-10	24	9	8	12	22	22	21	17	15	-5	-5	-6	22	22	31	26	27	44	26	22	14.5
ROUGH RIVER DAM	MAX	33	33	35	23	42	49	23	10	7	12	27	34	37	40	49	55	55	53	28	29	19	20	26	32	47	61	47	56	67	43	41	36.5
	MIN	29	24	13	13	17	21	-8	-7	-4	-12	-11	25	4	6	9	22	23	21	11	10	-7	-8	-4	12	19	32	30	33	41	23	22	12.9
SCOTTSVILLE 3 SSW	MAX	33	39	35	43	49	44	15	7	12	23	33	33	36	48	56	56	52	45	27	25	16	23	32	44	58	58	59	66	64	42	54	39.6
	MIN	29	23	15	16	29	15	-5	-1	-5	-3	20	29	6	13	23	25	39	23	21	15	-3	1	21	23	35	36	31	45	36	26	24	19.4
SUMMER SHADE	MAX	33	39	33	41	48	32	15	7	13	24	35	33	40	48	55	58	50	44	27	22	19	24	32	39	59	58	56	66	67	41	52	39.0
	MIN	30	22	15	14	23	15	-11	-6	-3	-9	19	28	9	16	16	28	32	26	20	12	-5	-1	22	20	36	31	26	35	35	25	20	17.4
WOLF CREEK DAM	MAX	34	36	40	34	44	49	33	14	11	12	28	35	34	43	50	57	58	50	36	32	25	21	30	32	52	63	55	60	69	56	43	39.9
	MIN	29	22	20	13	14	24	0	-5	0	-6	-3	28	11	13	18	22	25	35	23	17	-5	-2	2	12	25	34	23	25	55	29	18	16.6
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	35	40	37	38	46	42	21	4	11	24	35	34	36	45	55	56	52	45	27	24	12	26	30	40	59	56	54	66	64	38	50	38.8
	MIN	29	24	22	15	29	12	-4	-4	-4	-7	16	27	9	19	28	32	35	26	17	5	-6	-4	21	20	39	35	32	39	34	25	28	19.0
CARROLLTON LOCK 1	MAX	44	34	34	35	45	41	21	9	13	18	31	32	33	44	50	51	49	49	29	25	17	23	31	35	58	55	45	67	67	41	52	38.0
	MIN	31	25	20	17	17	20	-2	-5	0	-3	15	27	1	12	16	20	32	25	15	12	-5	-6	20	5	34	35	33	34	34	23	26	17.0
COVINGTON WB AIRPORT	MAX	31	32	26	30	40	30	9	3	9	17	29	31	32	38	45	47	48	39	25	15	14	22	27	35	54	44	41	64	64	37	49	33.1
	MIN	24	22	15	14	18	9	-2	-4	0	-1	12	8	1	14	19	27	38	16	14	-1	-5	-4	9	2	35	34	31	35	32	22	25	14.8
CYNTHIANA 2	MAX	33	34	34	26	35	47	27	6	4	14	21	32	34	33	42	48	50	50	42	27	21	13	25	29	42	57	40	47	65	53	40	34.5
	MIN	28	21	22	16	15	22	-10	-8	-7	-9	-8	21	-5	0	13	15	17	34	15	16	-7	-8	-6	4	0	36	29	30	43	23	23	12.1
DANVILLE	MAX	34	34	35	26	38	48	29	8	5	11	23	33	32	36	45	53	55	48	34	28	22	14	27	31	49	60	40	53	67	54	39	35.8
	MIN	30	23	17	15	15	28	-4	-4	-2	-5	-5	20	8	8	24	29	32	34	15	15	-5	-5	-4	20	22	35	31	36	44	26	26	16.7
DIX DAM	MAX	33	35	35	37	48	48	26	5	8	18	32	32	35	42	52	55	55	48	30	26	18	23	29	35	55	40	52	66	66		51	37.8
	MIN	30	24	18	15	25	22	-6	-5	-5	-8	16	22	10	17	24	25	34	27	13	17	-7	-2	21	18	35	33	29	36	37	25	26	18.3
FALMOUTH 5 WNW	MAX	35	34	33	35	47	35	17	5	12	22	30	35	36	45	50	53	50	40	27	21	18	24	29	35	57	55	45	65	63	38	51	36.8
	MIN	29	21	18	15	11	17	-10	-5	-3	-13	7	25	-8	12	19	24	30	23	8	6	-9	-11	16	1	32	34	29	28	33	21	20	13.5
FARMERS 1 WNW	MAX	36	41	37	34	47	42	22	14	8	24	30	33	33	43	52	54	48	44	29	24	15	27	30	38		59	50	68	66	46	51	38.2
	MIN	31	26	28	18	16	22	-2	-6	-2	-10	8	29	-3	7	17	18	28	28	18	15	-4	-6	20	29		37	28	30	36	26	26	16.9
FLEMINGSBURG 1 SW	MAX	34	35	34	35	43	40	20	3	8	17	29	31	31	40	50	50	50	44	25	21	16	20	27	33	53	56	45	65	64	36	49	35.6
	MIN	29	24	21	18	18	20	-6	-8	-4	-7	6	27	-1	16	16	22	33	25	15	9	-8	-6	11	-1	33	35	32	31	35	23	25	15.6
FRANKFORT LOCK 4	MAX	34	35	35	25	38	47	28	9	5	12	22	34	36	39	46	51	54	53	32	32	20	19	26	31	53	59	43	51	67	54	41	36.5
	MIN	30	25	20	11	18	19	-2	-4	-4	-5	-3	21	5	6	18	19	19	30	12	12	-4	-5	-4	12	13	38	32	30	42	28	26	14.7
LEXINGTON WB AIRPORT	MAX	33	34	26	35	44	34	11	3	8	18	32	32	32	40	50	51	50	41	26	20	13	23	28	37	57	51	49	65	65	39	49	35.4
	MIN	23	23	15	14	23	11	-6	-5	-3	-6	18	16	1	18	26	29	37	16	12	-1	-8	-5	22	12	35	35	31	36	32	25	24	16.1
MAYSVILLE SEWAGE PLANT	MAX	33	36	35	28	35	42	28	8	5	10	19	31	33	37	42	51	52	49	35	28	20	18	25	28	43	56	39	45	66	55	39	34.5
	MIN	30	24	23	19	19	20	0	-5	-6	-3	-3	17	8	8	15	16	17	30	14	14	-3	-5	-3	4	4	33	33	30	35	21	24	13.9
MOUNT STERLING	MAX	34	35	35	36	45	45	23	6	10	17	32	33	33	43	48	53	51	46	29	25	19	23	30	36	53	56	51	67	65	38	45	37.5
	MIN	30	24	19	17	24	22	-4	-6	-5	-4	12	23	5	14	21	26	32	28	16	16	-6	-2	20	9	34	36	31	32	37	22	22	17.6
OWENTON 2 S	MAX																																
	MIN																																
RICHMOND	MAX	34	35	36	25	39	47	29	11	7	12	21	32	31	36	47	55	55	48	32	27	23	17	26	31	45	58	40	55	66	52	42	35.9
	MIN	30	23	18	13	18	27	-6	-8	-5	-7	-1	21	4	6	23	30	35	32	16	16	-9	-5	2	19	21	34	29	35	44	25	25	16.3
SHELBYVILLE	MAX	32	33	34	25	36	45	23	7	5	10	22	33	31	36	45	53	51	50	29	28	17	17	25	30	46	57	41	50	66	46	40	34.3
	MIN	29	24	18	13	17	22	-7	-7	-9	-8	-6	20	0	1	16	23	30	26	11	14	-6	-7	-6	14	17	35	31	31	46	26	25	14.0
WARSAW MARKLAND DAM	MAX	33	33	31	25	35	44	25	9	8	11	21	32	32	35	42	50	51	50	30	26	20	18	25	29	40	57	40	45	66	51	39	34.0
	MIN	26	22	22	15	10	12	0	-5	-1	-1	-2	13	2	2	12	12	16	29	14	12	-7	-9	-9	5	5	35	30	32	36	25	21	12.1
WAYNESBURG 7 NE	MAX	33	40	34	38	47	41	20	3	9	21	31	33	38	45	54	55	49	46	27	23	15	27	28	38	56	58	54	65	65	39	49	38.1
	MIN	29	22	18	12	24	19	-6	-6	-5	-10	15	27	13	18	28	31	37	26	16	13	-10	-3	20	18	35	36	29	39	33	25	25	18.3
WILLIAMSTOWN 3 NW	MAX	31	32	32	32	42	40	18	4	8	18	60	33	34	41	47	50	49	46	34	22	16	22	27	35	55	55	44	64	64	39	51	36.9
	MIN	28	23	18	14	24	17	-6	-7	-3	-6	10	25	8	19	22	32	38	23	10	9	-7	-5	17	6	31	32	32	30	33	20	26	16.5
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	37	37	39	29	34	48	33	15	6	13	23	32	32	38	40	45	55	50	35	26	25	18	24	31	37	59	43	51	70	57	38	36.1
	MIN	31	26	24	21	15	21	11	-4	-1	1	3	15	4	3	14	14	16	28	20	14	-6	-5	-3	5	5	36	34	27	32	28	22	14.5
BARBOURVILLE	MAX	35	35	46	33	41	45	33	13	8	15	28	34	35	41	52	57	59	50	43	30	27	19	31	25	48	60	46	58	67	66	42	39.4
	MIN	32	21	23	13	17	20	8	-6	-4	-13	-4	20	14	12	12	20	21	33	26	17	-7	-8	-8	10	23	42	25	24	31	30	23	15.1
BAXTER	MAX	36	36	42	30	37	40	34	16	8	10	26	33	34	40	48	55	56	45	40	31	27	19	29	30	39	55	53	55	65	65	37	37.8
	MIN	28	21	22	13	16	18	12	0	-4	-5	-5	20	14	13	14	20	20	32	29	20	-5	-7	-7	10	20	35	25	26	30	30	21	15.4
BLAINE	MAX	35	37	41	32	35	42	32	9	9	10	26	32	32	38	48	50	55	49	35	28	28	19	27	31	38	61	44	53	69	58	39	36.8
	MIN	30	19	16	15	10	10	9	-7	-3	-10	-8	15	-2	-3	15	13	15	28	21	11	-10	-15	-9	4	3	31	27	24	25	29	16	10.3
CUMBERLAND	MAX	35	41	38	37	43	33	32	15	9	28	39	35	40	39	55	55	45	41	34	28	22	30	30	49	57	59	55	63	65	47	49	40.3
	MIN	31	20	21	7	14	22	8	-1	-5	-9	9	29	13	12	19	19	27	32	25	21	-10	-15	17	9	32	41	25	27	44	27	19	17.1
DEWEY DAM	MAX	37	37	42	29	35	44	35	14	8	11	20	34	34	34	42	43	48	46	47	29	27	15	23	32	38	61	45	53	68	60	42	36.5
	MIN	31	21	23	15	14	14	13	0	-4	-2	0	15	13	11	16	16	20	30	25	14	-4	-11	-10	15	15	34	27	25	27	31	22	14.7
GRAYSON 5 SE	MAX	34	37	39	28	35	46	32	12	6	12	24	31	32	37	47	51	55	50	37	27	24	20	25	30	46	60	42	51	70	59	38	36.7
	MIN	31	25	19	20	14	16	8	-9	0	-8	-6	17	-4	-2	14	14	15	25	19	14	-5	-7	-6	2	2	40	31	26	30	28	18	12.3
HEIDELBERG LOCK 14	MAX	35	40	42	40	47	48	30	10	12	23	31	34	39	50	52	55	57	50	34	29	25	26	32	38	55	59	55	67	67	45	52	41.3
	MIN	32	21	23	10	15	28	2	-3	-6	-12	15	30	5	10	18	18	27	32	21	15	10	-10	22	20	24	32	24	26	44	28	18	17.4
HINDMAN 11 NNE	MAX	36	43	43	32	34	44	34	15	10	12	22	36	34	34	45	44	50	45	41	29	28	15	25	36	46	60	50	55	68	66	35	37.6
	MIN	32	21	21	14	10	15	9	-2	-1	-8	-5	15	12	11	17	17	17	30	25	17	-8	-9	-8	17	25	41	26	26	28	31	25	14.9
HYDEN	MAX	36	36	43	30	36	41	34	13	8	10	22	39	35	37	47	51	54	49	41		30	16	28	33	45	58	50	55	66	63	37	38.1
	MIN	32	21	21	10	14	16	9	-2	-6	-13	-13	14	13	12	16	19	18	32	27		-8	-9	-10	21	21	38	28	26	26	31	21	14.2
JACKSON	MAX	35	36	45	32	40	47	37	14	9	13	27	34	33	40	50	58	50	50	42	31	26	22	30	32	42	60	49	58	68	63	43	39.2
	MIN	33	23	25	14	18	19	12	1	-1	-7	-7	20	12	10	17	20	22	33	25	13	-3	-5	-4	20	20	36	28	28	28	31	25	16.3

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
JANUARY 1970

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	33	40	31	38	44	31	15	0	6	20	33	33	36	46	54	54	49	43	30	24	14	25	30	39	56	56	54	66	66	38	50	37.2
	MIN	24	23	16	14	20	15	- 4	- 3	- 9	-15	16	25	10	12	21	22	32	26	18	5	- 8	- 7	21	19	31	33	25	31	33	27	23	16.0
MANCHESTER 4 SE	MAX	35	43	40	40	43	42	32	15	10	25	36	36	40	50	58	58	50	47	33	28	21	28	32	42	58	61	55	66	68	40	51	41.4
	MIN	32	21	25	12	16	22	5	- 6	- 7	-13	14	30	11	12	20	19	29	33	25	16	-11	-10	16	21	24	34	24	27	40	29	20	17.1
MC KEE	MAX	33	34	42	37	36	46	32	10	4	10	24	34	32	34	47	55	56	50	40	28	24	16	28	29	47	58	46	56	65	58	38	37.1
	MIN	30	18	20	9	14	14	0	- 7	- 3	-14	-14	20	4	4	10	15	16	32	17	14	-11	-11	-11	22	22	34	25	25	29	24	18	11.8
MIDDLESBORO	MAX	43	46	42	32	41	40	33	14	9	9	25	32	33	39	44	53	54	45	42	29	28	17	26	31	41	57	56	56	63	63	38	38.1
	MIN	33	21	23	13	18	20	9	1	- 1	- 5	- 5	19	13	11	10	18	18	34	29	23	- 2	- 6	- 6	22	21	39	25	24	32	31	26	16.4
MONTICELLO	MAX	34	45	37	42	49	34	23	7	10	27	34	33	37	49	59	60	52	47	29	25	18	30	32	45	60	60	58	71	67	42	53	40.9
	MIN	30	21	20	13	20	23	- 2	- 5	- 2	-11	20	29	7	12	23	23	34	29	22	16	- 7	- 5	23	13	37	37	24	33	36	28	24	18.2
MOUNT VERNON	MAX	34	41	38	38	47	42	22	14	10	27	33	34	40	45	56	56	57	48	29	26	18	27	30	42	54	58	55	66	62	38	50	39.9
	MIN	29	23	19	13	23	20	- 4	- 3	- 4	-12	16	27	6	15	23	18	33	28	18	14	- 6	- 7	22	21	37	38	30	36	36	27	27	18.2
PIKEVILLE	MAX	38	47	42	40	45	35	31	12	13	29	39	35	42	54	49	56	48	43	34	30	23	30	32	43	61	61	59	72	70	46	54	42.4
	MIN	34	25	27	17	19	27	11	4	2	2	13	32	22	16	21	22	32	33	27	22	1	- 3	16	21	33	43	30	29	46	33	25	22.0
SOMERSET 2 N	MAX	31	40	38	40	45	38	21	4	8	25	33	34	40	46	56	57	51	45	27	23	15	26	31	39	56	59	54	66	64	40	50	38.8
	MIN	29	20	18	11	17	19	- 5	- 5	- 2	-14	18	27	8	10	20	19	31	27	20	11	-10	- 6	21	15	36	35	24	28	34	27	24	16.4
STEARNS	MAX	50	39	43	28	43	41	31	10	8	6	25	36	36	38	48	53	51	54	40	32	22	12	34	34	45	56	54	55	63	63	38	38.3
	MIN	24	21	20	13	19	20	0	- 4	- 9	- 7	1	17	16	15	15	18	25	29	29	16	- 8	- 3	- 3	20	23	39	29	28	29	29	21	15.5
TOMAHAWK 1 WSW	MAX	36	36	43	31	34	45	34	13	9	10	21	34	35	35	45	42	55	44	40	28	24	15	23	31	38	60	45	54	71	60	37	36.4
	MIN	32	20	23	15	12	12	13	- 4	- 2	- 6	- 3	16	8	7	13	15	17	29	24	12	-13	-13	-13	8	8	33	26	24	26	30	18	12.5
VANCEBURG	MAX	36	36	36	33	48	45	26	10	11	22	31	30	36	42	45	54	53	45	37	25	19	26	30	37	59	59	48	70	66	39	52	38.9
	MIN	30	25	23	20	12	23	4	- 7	- 1	- 5	3	19	- 4	5	11	12	26	32	14	11	- 8	- 9	13	- 1	31	39	33	26	39	27	26	15.1
WEST LIBERTY	MAX	34	35	40	35	38	47	34	10	5	10	20	30	32	37	48	52	56	44	36	28	24	16	25	30	33	58	42	53	69	59	38	36.1
	MIN	30	25	23	14	14	14	4	- 4	- 2	-11	-11	15	5	5	7	15	15	30	21	18	- 5	-10	-10	8	10	32	26	25	25	26	19	12.0
WILLIAMSBURG 1 E	MAX	35	44	40	42	45	40	36	9	10	29	32	34	42	52	57	59	58	54	38	29	23	30	32	41	60	60	60	65	67	42	54	42.5
	MIN	30	23	23	15	22	24	3	- 1	- 2	- 9	20	30	13	15	21	22	31	29	24	18	- 4	- 5	22	19	34	43	27	31	38	30	28	19.8

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL						2.5					4.0							.8		1.0			3.0								
	SN ON GND						3	3	3	2	2	6	4	4	2				1		1	1	-	3	2							
FORDS FERRY DAM 50	SNOWFALL	.3	T	T	T		1.0	1.0				2.5	.3					.3	1.0	1.0	.5		T	T								
	SN ON GND	2	2	2	1	T	1	2	2	2	2	5	3	3	2	1	1	T	1	2	3	3	3	2								
HENDERSON 7 SSW	SNOWFALL	.1	.3	T			1.5			T		2.5							.3	T	.3			2.5								
	SN ON GND	1	1	1	T	T	2	1	1	1	1	3	3	2	1	T	T	T	T	T	T	T	T	2	T							
HOPKINSVILLE	SNOWFALL	T		T			.5	3.5	T			T	T						T		.2											
	SN ON GND						1	4	3	-	-	3	-	-	-	-	-	-	-	T	T											
MURRAY	SNOWFALL						1.8	1.0				.4	T						.2	.1	.5			.1								
	SN ON GND	T					2	3	2	1	1	1	1	1	T	T	T		T	T	T	T	T	T	T							
OWENSBORO 2 W	SNOWFALL	T	T	T			T	2.0				3.0						T	T	T	T			2.0								
	SN ON GND	T	T	T	T	T	T	2	2	2	2	5	4	3	3	2	T	T	T	T	T	T	T	2	2	T						
PADUCAH FAA AIRPORT	SNOWFALL		T	T		.5	2.0	T			.3	1.0	T						1.0	T	1.0		T	T								
	SN ON GND	T	T				2	2	2	2	1	2	2	2	2	1	T		T	1	2	1	1	1								
RUSSELLVILLE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND						2	3	-	-	-	4	-							1												
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWLING GREEN FAA AP	SNOWFALL	.1	.1	T	T		3.0	T	T	T		3.0							T		.8		.1	T								
	SN ON GND			T	T			3	3	3	3	6	4	3	3	2	1	T	T	T	1	1	T	1	1							
CAMPBELLSVILLE 2 SSW	SNOWFALL	T	.3	1.0			4.0			.3		3.0	T								.3			3.0								
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRVINGTON	SNOWFALL	.5	T	T			4.0			1.0		-							1.0	-	T		T	-								
	SN ON GND						4	4	4	4	4	1	1	1	T	T	T	T	1	1	1	1	1	3	2							
LOUISVILLE WB AP	SNOWFALL	.2	.4	.2	T		2.1	T	T	.3		2.0							.6	T	.8		.3	1.0						T	T	
	SN ON GND	T	T	T	T		T	2	2	2	2	2	2	2	1	T	T		T	T	T	T	T	1	1	T						
	WTR EQUIV							.2	.2	.2	.2	.2	.2	.2																		
MAMMOTH CAVE PARK	SNOWFALL	T	T	T	T		3.0	1.3		T		4.0							.2	T	1.0			3.0								
	SN ON GND						3	4	4	4	4	4	3	2	2	1	T		T	T	1	1	T	3	2	T	T					
MILLERSTOWN	SNOWFALL		T	.5			1.0	2.5	T	T		1.5	2.0						.5	.5	.4			2.0								
	SN ON GND		T	1			1	4	3	3	2	3	5	4	4	2	1	T	1	1	1	1	1	3	-	-	-	-				
SUMMER SHADE	SNOWFALL	T					3.0					4.0	T					1.0	T		1.0			2.5								
	SN ON GND						3	3	3	3	3	4	3	2	1	T					1	1	T	3	T							
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL	.2	.2		.1		4.5	1.0	T	.2		2.5	T						.5		1.0			2.5	T					T	T	
	SN ON GND	T			T		4	5	5	4	3	4	3	3	1	T	T		T	T	1	1	1	3	3							
COVINGTON WB AIRPORT	SNOWFALL	.9	1.2	.3	.1		T	T	T	.2		1.7	T						.3	T	1.1		T	.9			T			T	T	
	SN ON GND	2	2	3	3	3	2	2	1	1	T	T	2	2	2	1	1	T	T	T	T	1	1	1	1	T						
	WTR EQUIV	.3	.3	.4	.4	.3	.3	.3					.1	.1	.1																	
CYNTHIANA	SNOWFALL	T	T	T	T	T		3.2		T	T	T	2.3						T	1.1	T	.5		2.3	.6							
	SN ON GND	T	T	T	T	T		3	3	2	2	2	5	4	3	2	T	T	T	T	T	1	T	2	2	2						
DANVILLE	SNOWFALL	T	.2	.2	T			3.1		.1	.2	1.8	.5							.6	.6	.2		1.7	.1						T	T
	SN ON GND	T		T	T			3	3	3	3	5	3	3	2	2	1	T		T	1	1	1	2	2	T					T	
FARMERS 1 WNW	SNOWFALL							5.0		T	T	T	.5	T							T	T		3.0	T	T						
	SN ON GND							5	5	5	4	4	3	3	2	T	T	T	T	T	T	T	T	3	2	2						
GEST LOCK 3	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEXINGTON WB AIRPORT	SNOWFALL	.3	.4	T	T		3.0	.1	T	.4		1.1	T	T					.6	T	.9		T	1.6	T					T	T	
	SN ON GND	T	T	T	T	T		3	3	3	3	3	3	2	1	T	T	T	T	T	T	1	T	1	2	1					T	
	WTR EQUIV							.2	.2	.2	.2	.3	.7	.6											.3							
MAYSVILLE SEWAGE PLANT	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND							3	3	4	3	3	3	3	3	3	3	2	2	T	T	1	1	2	2	T	T					
WILLIAMSTOWN 3 NW	SNOWFALL	.5	1.0	T	T		1.5	T	T	.2		1.5							.5	T	.5			1.5			T			T	T	
	SN ON GND	3	4	4	4	4	4	4	4	4	4	5	5	5	3	2	1	T	1	1	1	1	1	2	2	T	T	T				
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL	.5		1.5	1.0	T	1.5	4.5	T	1.0	T	.5	T	T				T	T	T	2.0	1.0		1.5	T						T	
	SN ON GND	T		1	1	T	2	5	3	4	2	T	T	T	T			T	T	T	2	2	2	3							T	
DEWEY DAM	SNOWFALL	T		1.0				5.0	-	-	T		-							T	T	3.0		1.0	-						T	
	SN ON GND	T		1				5	3	3	3	2	2	1	1	T	T	T		T	T	3	2	3	3	2					T	
HAZARD WATER WORKS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEIDELBERG LOCK 14	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND			T	T			3	3	2	2	2	1	1	T	T					T	1	T	2	2	1						
LONDON FAA AP	SNOWFALL	T	T	T	T		2.8	.5	T	T		1.3							T	.1	1.0	T	T	1.7	T					T	T	
	SN ON GND			T	T			3	3	3	2	2	2	2	1	T					T	2	1	3	3	2						
MIDDLESBORO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTICELLO	SNOWFALL			T				2.0				2.5	1.5								.5			2.0	.5							
	SN ON GND							2	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	2	2							
PIKEVILLE	SNOWFALL	T		1.1	T		2.3	.4	T	T			T						T	T	1.6			1.7							T	
	SN ON GND	T		T	T		1	3	3	1	1	1	T						T	T	2	2	2	4	4	T						
SOMERSET 2 N	SNOWFALL			-			1.8	.2		-		3.0									.8			2.5								
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN NAZARETH COL	4	MAX	36	36	35	36	34	34	34	34	34	34	33	32	32	32	32	32	32	34	34	34	34	34	33	32	32	35	38	42	41	44	40	34.8
		MIN	36	34	35	34	34	33	34	34	34	32	32	32	32	32	32	32	32	32	34	34	34	32	32	32	32	32	35	38	41	38	38	33.8
	20	5PM	40	41	42	41	40	40	40	40	40	40	40	40	39	39	39	39	40	40	38	40	39	39	39	39	39	38	39	39	40	40	40	39.6
BEREA COLLEGE	4	MAX	36	35	36	35	35	33	33	33	32	31	31	31	31	31	31	35	35	35	35	33	32	32	31	31	31	34	37	40	44	43	38	34.2
		MIN	35	34	34	33	33	33	33	32	31	31	31	31	31	31	31	31	35	35	33	32	32	31	31	31	31	31	34	37	40	38	34	32.9
	20	5PM	41	41	40	40	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	37	37	37	37	37	37	37	40	40	40	38.5
CAMPBELLSVILLE 2 SSW	4	MAX	38	37	37	36	35	35	35	34	34	34	34	34	34	34	34	34	35	36	36	34	34	34	34	35	34	37	38	41	45	43	40	36.0
		MIN	37	35	35	35	34	34	34	34	34	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	33	34	35	37	41	39	36	34.7
	20	6PM	40	40	40	39	39	39	39	39	38	38	38	38	38	37	38	37	37	37	37	37	37	37	37	37	37	37	37	37	39	40	40	38.1
CUMBERLAND GAP PARK	4	MAX	41	41	38	38	35	35	41	35	35	33	33	33	33	33	33	33	33	33	33	34	33	33	33	32	33	36	36	37	43	42	40	35.5
		MIN	41	37	38	35	35	35	34	34	33	32	32	33	33	32	32	32	32	32	33	33	33	33	32	32	32	32	34	35	36	38	36	33.9
	20	5PM	44	44	44	43	43	43	42	42	42	42	41	40	39	39	39	39	39	38	38	39	38	38	38	38	38	38	38	38	40	40	41	40.2
FLEMINGSBURG 1 SW	4	MAX	33	33	33	32	32	32	32	32	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	31	39	40	35	31.6
		MIN	33	33	32	32	32	31	32	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	34	33	30.9
	20	6PM	40	40	40	40	40	39	39	39	39	38	38	38	37	37	37	37	37	37	37	37	37	37	37	37	37	36	36	36	37	38	38	37.8
GLASGOW WKAY	4	MAX	39	39	38	37	37	37	37	37	37	36	36	36	36	35	35	36	37	37	37	36	35	35	34	34	37	39	39	44	44	44	41	37.5
		MIN	39	37	37	36	35	36	36	36	36	35	35	35	35	35	35	34	36	37	36	35	35	34	34	34	34	37	37	39	43	41	37	36.2
	20	6PM	42	42	42	41	40	40	40	40	40	39	39	39	39	39	38	38	38	39	39	39	39	38	38	38	38	38	39	40	41	41	41	39.5
GREENVILLE 2 W	4	MAX	37	38	36	36	35	33	34	34	34	34	33	34	33	34	33	33	33	35	34	34	34	34	34	33	36	40	41	45	47	46	41	36.1
		MIN	36	36	35	35	33	33	33	34	34	33	33	33	32	33	33	33	33	33	34	34	33	34	33	33	33	36	37	40	45	39	37	34.6
	20	6PM	42	42	41	40	40	40	40	40	40	39	39	39	39	39	39	39	39	39	39	39	39	38	39	39	39	38	38	39	41	42	41	39.6
HENDERSON 7 SSW	4	MAX	40	40	40	39	38	38	38	38	38	37	36	35	35	35	35	35	36	37	37	36	36	35	35	35	35	35	36	42	44	43	41	37.4
		MIN	40	40	39	38	38	38	38	38	37	36	35	35	35	35	35	35	35	36	36	36	35	35	35	35	35	35	35	36	42	41	39	36.7
	20	6PM	42	42	41	41	41	41	41	40	40	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	39	40	40	39.2
IRVINGTON	4	MAX	37	37	37	38	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	36	36	36	43	48	44	44	36.7
		MIN	37	37	37	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34	35	35	34	34	36	43	39	37	35.6
	20	4PM	40	40	40	39	38	38	38	38	39	38	37	37	37	37	37	37	37	37	37	37	37	37	36	36	36	36	36	36	38	38	38	37.5
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	35	34	34	34	34	33	34	33	33	33	33	33	33	33	33	33	34	34	34	33	32	32	32	33	42	39	47	55	56	43	43	36.3
		MIN	34	34	33	33	32	33	33	33	33	32	33	33	33	33	33	33	33	34	33	31	27	25	30	32	33	33	33	34	35	33	30	32.4
	2	MAX	35	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	33	32	33	33	36	38	45	52	55	41	41	36.2
		MIN	34	34	34	34	33	34	34	34	34	33	33	34	34	34	34	34	34	34	34	33	31	29	31	33	33	33	34	35	37	35	33	33.5
	4	MAX	36	36	35	35	35	35	35	35	34	34	34	34	34	34	34	34	34	34	34	34	34	33	33	33	34	35	42	49	52	39	39	35.9
		MIN	35	35	35	35	35	35	35	34	34	33	34	34	34	34	34	34	34	34	34	34	33	32	33	33	33	34	34	36	39	36	35	34.3
	8	MAX	37	37	37	36	36	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35	35	34	34	34	34	35	38	44	47	42	38	36.4
		MIN	36	37	36	36	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35	35	34	34	34	34	34	34	35	37	42	38	37	35.6
(SOD)	1	MAX	37	35	35	34	33	33	33	33	32	32	33	33	33	33	33	33	33	33	33	33	33	32	32	33	33	33	36	45	48	40	39	34.5
		MIN	35	35	34	33	33	33	33	32	32	32	32	33	33	32	33	33	33	33	33	33	32	31	32	32	33	33	33	35	40	36	35	33.3
	2	MAX	37	36	35	34	34	34	34	34	33	33	33	33	33	33	33	33	34	34	34	34	33	33	33	33	33	33	36	44	47	40	39	34.9
		MIN	36	35	34	34	34	34	34	33	33	33	33	33	33	33	33	33	33	34	34	33	33	32	33	33	33	33	33	35	40	37	36	33.9
	4	MAX	37	37	36	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	33	33	33	33	34	36	43	45	41	39	35.3
		MIN	37	36	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	33	33	33	33	33	33	33	35	41	38	36	34.4
	8	MAX	38	38	37	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34	34	34	35	36	40	43	41	39	36.1
		MIN	38	37	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34	34	34	34	34	35	36	40	39	38	35.6

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM																																		
(SOD)	20	7PM	40	40	40	40	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	38	37	37	37	37	37	38	40	40	40	38.5
	40	7PM	45	45	45	45	44	44	44	44	44	43	43	43	43	43	43	42	42	42	42	42	42	42	42	42	42	41	41	41	41	42	42	42.8
MAYFIELD RADIO WNGD																																		
	4	MAX	41	41	40	40	40	39	38	36	35	36	37	38	36	36	36	39	40	-	38	37	36	39	39	-	-	40	39	40	43	43	44	38.8
		MIN	38	38	36	35	37	38	32	34	33	34	36	36	36	36	36	36	39	-	37	36	36	36	37	-	-	39	38	39	40	42	42	36.9
	20	5PM	44	44	40	40	41	42	40	39	39	40	39	40	41	41	41	40	41	-	40	40	40	40	40	-	-	40	41	41	41	42	42	40.7
PRINCETON 1 SE																																		
	4	MAX	38	38	38	37	36	36	36	35	35	35	34	34	34	34	34	34	34	35	35	35	34	34	33	33	33	33	36	42	44	44	41	35.9
		MIN	38	38	37	35	36	36	35	35	35	34	34	34	34	34	34	34	34	34	35	34	34	33	33	33	33	33	33	36	42	40	38	35.1
	20	5PM	43	42	42	41	41	41	41	40	40	40	39	39	39	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38	40	41	41	39.6
QUICKSAND																																		
	4	MAX	36	36	35	40	35	33	34	33	33	33	33	32	33	32	32	32	33	33	33	33	33	33	33	33	33	38	38	40	46	46	41	35.1
		MIN	36	34	35	35	33	33	33	33	33	33	32	32	32	32	32	32	32	32	33	33	33	33	32	33	32	32	35	35	35	39	35	33.4
	20	4PM	38	39	38	39	37	37	37	37	36	36	36	36	36	36	36	36	36	36	36	36	36	36	35	36	35	36	37	37	40	41	40	36.9
SOMERSET 2 N																																		
	1	MAX	37	38	36	36	37	35	34	34	33	32	31	32	32	32	37	39	39	41	38	36	33	32	36	32	36	42	40	44	48	49	43	36.9
		MIN	37	34	34	32	33	34	33	32	32	31	28	31	31	31	31	32	36	38	34	33	32	31	32	30	30	36	35	37	43	40	36	33.5
	4	MAX	38	38	37	37	37	36	35	36	35	34	32	33	33	33	37	38	39	40	39	37	35	33	37	32	37	41	41	44	46	47	42	37.4
		MIN	38	36	36	34	34	35	34	34	34	32	31	32	32	32	33	34	36	38	36	34	33	32	32	32	32	36	37	39	43	41	37	34.8
	20	6PM	43	43	42	42	42	41	41	41	41	40	40	40	40	40	39	40	40	41	41	41	40	39	39	39	39	40	41	41	43	44	43	40.8
WILLIAMSTOWN 3 NW																																		
	4	MAX	38	38	38	38	37	37	37	37	37	37	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35	35	35	35	41	41	39	36.5
		MIN	-	-	-	37	-	-	-	-	36	36	35	-	-	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	35	39	37	-
	20	6PM	42	42	42	41	41	41	41	40	40	40	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	39	39	39.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	LEVEL
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL SEE NOTES	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS. BARBARA H. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	8P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1570	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	630		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	688		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY H. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 W	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14 R	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	820	8R	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH ROSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	882		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 16	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AR R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	MILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER MELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5R	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 08	83 48	850	5R	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	840		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 18	862				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 36	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA H. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BEATRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5R	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5R			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEA DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5R	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	6P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT R	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-T84
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	6P	4R	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOTT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENAY H WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. W. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1780		5P			JAMES W. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	820	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	8P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. WELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. COMNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	85 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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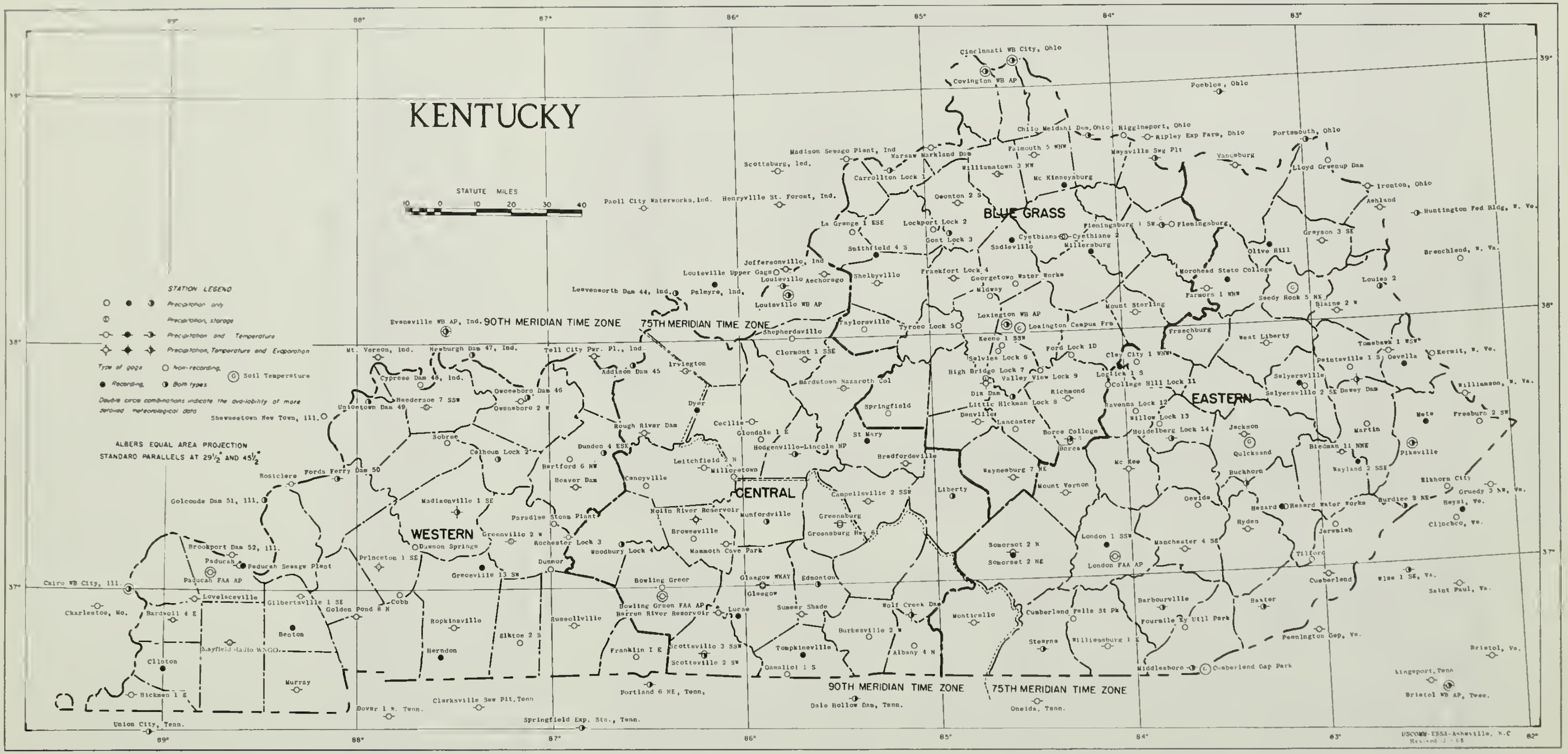

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PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
FEBRUARY 1970
Volume 65 No. 2

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MAY 5 1970
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	45.3	26.7	36.0		65	18	3	3	806	0	1	21	0	3.27		1.04	14	3.5	1	3+	7	2	2
BEAVER DAM	46.5	24.8	35.7		70	18	- 3	4	815	0	3	26	1	3.61		1.60	15	1.0	1	5	6	3	1
FORDS FERRY DAM 50	43.2	25.9	34.6		67	18	4	4+	846	0	4	20	0	2.79	- .54	.95	15		3	14	8	2	0
GILBERTSVILLE 1 SE	47.1	27.5	37.3		69	18	2	3	769	0	1	19	0	3.75		1.26	15		1	14+	6	3	2
GOLDEN POND 8 N	43.2M	26.6M	34.9M						834	0	1	21		0 3.52									
GREENVILLE 2 W	46.4	26.6	36.5	- 2.9	69	18	- 1	4	794	0	2	20	1	4.19	.48	1.40	15				10	2	1
HENDERSON 7 SSW	44.0	25.4	34.7	- 3.9	67	18	- 2	4	842	0	4	21	1	2.88	- .63	.79	2	8.0	3	14+	6	2	0
HICKMAN 1 E	46.9M	28.0M	37.5M				4	4	764	0	1		0	3.55		.95	15	5.4	2	3	10	3	0
HOPKINSVILLE	45.5	24.6	35.1	- 4.6	70	19	2	4+	831	0	2	23	0	3.69	- .32	1.73	15	1.9	1	14+	7	2	1
LOVELACEVILLE	46.0	25.9	36.0	- 4.2	66	18	1	4	807	0	2	21	0	3.35	- .78	1.15	2				6	3	1
MADISONVILLE 1 SE	45.9	26.0	36.0		68	18	1	4	804	0	3	24	0	4.11		2.20	15	3.5	2	14+	9	1	1
MAYFIELD RADIO WNGO	47.6M	25.5M	36.6M		68	18	4	4+	793	0	1	22	0	4.61		2.40	2		1	9+	4	2	2
MURRAY	44.8	26.5	35.7	- 5.2	69	19	3	3	816	0	2	21	0	3.60	- .49	1.49	15	2.6	1	5	7	2	1
OWENSBORO 2 W	44.3	25.0	34.7	- 3.7	67	18	0	4	842	0	4	26	1	2.88	- .50	1.15	15	5.0	4	14	7	1	1
PADUCAH FAA AIRPORT	43.6	26.6	35.1		65	18	3	3	831	0	2	19	0	2.94		.83	14	T	T	16+	6	2	0
PADUCAH	46.4	27.6	37.0		66	18	3	3	778	0	1	19	0	3.55	- .21	1.02	2		1	3+	7	4	1
PRINCETON 1 SE	46.3	26.5	36.4	- 3.4	68	18	0	4+	792	0	2	21	2	4.14	.16	1.38	15	3.5	1	5+	7	3	2
ROCHESTER LOCK 3	42.8M	23.4M	33.1M		70	19	0	4	887	0	2		1	3.95		1.96	15		1	14+	7	3	1
RUSSELLVILLE	44.4	25.0	34.7	- 4.2	69	19	- 1	4	841	0	1	21	1	4.32	.00	1.92	15				8	2	1
DIVISION			35.7	- 4.0										3.62	- .25			3.4					
* * *																							
CENTRAL 02																							
ANCHORAGE	43.8	24.2	34.0	- 2.4	63	19+	- 3	4	861	0	2	25	1						4	14			
BARDSTOWN NAZARETH COL	44.1	25.1	34.6		64	18	- 3	4	843	0	3	24	1	3.31		1.52	15				6	2	1
BARREN RIVER RESERVOIR	43.4M	23.0	33.2M		67	19	- 4	4	881	0	1	25	1	4.17		1.70	15	4.3	2	6	8	4	1
BOWLING GREEN FAA AP	44.7	24.8	34.8	- 5.3	66	18	- 1	4	839	0	2	24	1	4.05	- .07	1.55	14	4.4	1	14+	9	2	1
BRADFORDSVILLE	44.8	23.9	34.4		68	19	-10	4	850	0	1	26	1	4.41					3	5+			
CAMPBELLSVILLE 2 SSW																							
CECILIA	43.9	24.1	34.0	- 3.1	63	18	- 3	4	861	0	3	26	1	3.93	.07	1.70	14	6.2	2	14+	8	3	1
CLERMONT 1 SSE	45.3	23.6	34.5		65	18	- 7	4	849	0	1	25	1	3.20		1.54	15	7.0	4	14	5	2	1
GLASGOW WKAY	45.0	25.5	35.3		65	18	- 3	4	827	0	2	24	1	3.80		.88	14	3.8	3	5	7	3	0
GREENSBURG	44.5	22.3	33.4	- 5.4	67	19	- 4	4	879	0	1	25	2	4.37	.40	2.12	15	3.0	2	6+	8	2	1
HODGENVILLE-LINCOLN NP	45.4	24.7	35.1		65	19+	- 6	4	831	0	2	25	1	4.62		2.00	15	6.0	4	6+	9	3	1
IRVINGTON	44.6	24.3	34.5	- 3.9	66	19	- 5	4	849	0	2	25	1	0 3.49	- .11	1.68	15	6.5	5	14	7	2	1
LEITCHFIELD 2 N	44.0	24.3	34.2	- 4.8	68	18	- 4	4	859	0	4	25	1	4.87	.88	2.30	15	6.0	3	6	10	2	1
LOUISVILLE	44.4	26.4	35.4		65	18	2	4	824	0	2	22	0	0 2.73		.93	15	8.0	5	14	5	2	0
LOUISVILLE WB AP R	42.6	24.5	33.6	- 2.2	64	18	0	4	875	0	5	26	1	2.87	- .42	1.29	14	7.4	3	14	8	2	1
MAMMOTH CAVE PARK	46.0	24.8	35.4		66	18	- 7	4	822	0	2	23	1	4.73		2.10	15	3.5	3	5	7	3	1
NOLIN RIVER RESERVOIR	43.8	21.8	32.8		67	19	- 3	4	896	0	1	26	1	4.08		1.99	15		2	6	8	2	1
ROUGH RIVER DAM	42.0	21.7	31.9		68	19	- 2	4	923	0	4	25	1	4.35		1.71	15	7.5			9	3	1
SCOTTSVILLE 3 SSW	47.3	27.3	37.3		66	18	- 3	4	768	0	1	20	1	5.03		1.09	15	6.0	4	5	11	3	2
SUMMER SHADE	46.3	25.1	35.7		65	18	- 7	4	814	0	2	24	1	4.26		1.06	15	6.0	4	5	9	4	1
WOLF CREEK DAM	45.6	23.2	34.4		66	19	- 5	4	848	0	1	24	2	4.43		2.06	15				8	1	1
DIVISION			34.4	- 4.3										4.04	.20			5.7					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	44.9	26.1	35.5	- 3.7	66	18	- 7	4	817	0	2	24	1	4.41	.65	2.07	15	9.7	4	3	8	2	1
CARROLLTON LOCK 1	43.7	23.9	33.8		63	19	- 1	4	865	0	1	24	1	2.08	- .93	.60	15	6.5	4	15	6	2	0
COVINGTON WB AIRPORT R	39.6	21.6	30.6	- 2.5	59	18	- 3	4	954	0	6	25	2	1.68	- 1.23	.79	2	4.3	2	15	4	1	0
CYNTHIANA 2	41.3	20.3	30.8		63	19	- 6	4	952	0	3	26	2						4	15+			
DANVILLE	42.1	22.9	32.5		65	19	- 5	4	903	0	3	25	2	4.32	.34	2.46	15	8.3	4	14	7	2	1
DIX DAM	43.9M	24.1M	34.0M		64	19+	- 5	4	862	0	2	25	1	4.06					5	14			
FALMOUTH 5 WNW	41.7	20.7	31.2		63	18	- 7	4	940	0	4	27	1	1.89	- 1.36	.62	15	6.5	4	15	6	1	0
FARMERS 1 WNW	44.9	24.3	34.6	- 3.2	67	18	- 9	4	843	0	2	25	1	3.64	.01	1.82	15	8.0	4	14	6	2	1
FLEMINGSBURG 1 SW	41.9	23.2	32.6		63	18	-10	4	901	0	4	24	1	3.00		1.11	15		4	14	8	2	1
FRANKFORT LOCK 4	42.6M	21.6M	32.1M	- 5.3	65	19	- 2	5+	915	0	2	27	2	2.82	- .40	1.31	15	9.8	5	14	6	1	1
LEXINGTON WB AIRPORT R	41.3	23.4	32.4	- 3.4	64	18	- 6	4	908	0	4	27	2	3.60	.18	1.23	14	9.9	3	14+	7	2	1
MAYSVILLE SEWAGE PLANT	41.6	20.9	31.3	- 4.8	63	19	- 4	5+	938	0	5	26	2	2.78	- .61	.63	15	5.0	2	16+	7	2	0
MOUNT STERLING	44.5	24.6	34.6		65	18	- 6	4	847	0	1	24	1	4.35	.67	1.84	15		4	14	9	2	1
OWENTON	M	M	M		60	19				0													
RICHMOND	42.3	23.1	32.7		65	19	- 8	4	897	0	1	27	2	4.54		2.38	15	8.2	3	14+	7	2	1
SHELBYVILLE	40.1	20.8	30.5	- 6.5	62	19	- 3	4	960	0	7	27	2	2.65	- .89	1.10	15	6.1	5	14	8	1	1
WARSAW MARKLAND DAM	41.0	19.4	30.2	- 6.0	63	19	- 5	5+	970	0	3	27	2	1.96	- 1.32	.57	2	9.3	3	15	6	1	0
WAYNESBURG 7 NE	44.5	24.6	34.6		65	18	- 9	4	845	0	2	25	1	4.03		1.87	15	6.5	4	3	8	2	1
WILLIAMSTOWN 3 NW	42.3	23.1	32.7	- 3.2	67	19	- 6	4	897	0	3	27	1	1.86	- 1.53	.65	2	7.4	4	16+	6	1	0
DIVISION			32.6	- 4.9										3.16	- .40			7.5					
* * *																							
EASTERN 04																							
ASHLAND	43.1	21.2	32.2	- 6.4	68	19	- 6	4	911	0	2	25	2	2.36	- .71	.56	9		3	14	8	1	0
BARBOURVILLE	46.6	21.3	34.0		64	28+	- 5	5	861	0	2	27	2	4.87		1.40	15				8	3	2
BAXTER	46.1	22.0	34.1		64	19	- 4	5+	861	0	2	25	2	4.30		1.54	15	4.0	2	6+	9	2	1
BLAINE	43.9	18.9	31.4		68	19	-13	4	935	0	2	27	2	0 3.52		1.40	15					2	1
CUMBERLAND	49.1	24.4	36.8		63	28+	- 8	4	783	0	0	24	1	4.60		1.08	15	13.0	4	3	10	4	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 17

CLIMATOLOGICAL DATA

KENTUCKY
FEBRUARY 1970

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY DAM	43.0	21.6	32.3		66	19	-10	5+	908	0	2	25	2	3.53		1.60	15	11.0	3	4+	7	2	1
GRAYSON 5 SE	42.9	19.8	31.4		67	19	-14	4	938	0	2	26	2	3.56		1.72	15	9.0	4	4	6	2	1
HEIDELBERG LOCK 14 R	46.3	24.9	35.6		67	19	- 8	4	814	0	1	22	1	3.60	- .40	1.78	15	5.2	2	15+	9	2	1
HINDMAN 11 NNE	45.6	21.8	33.7		65	19	- 9	4	870	0	1	27	2	3.38		.95	14				9	2	0
HYDEN	45.3	21.2	33.3		64	19	- 7	5	881	0	2	27	2	4.60		1.72	15	12.0	3	4+	8	3	1
JACKSON	44.4	23.3	33.9		62	28	- 6	4	866	0	1	23	2	4.11		1.38	15	5.1	2	14+	10	3	1
LONDON FAA AP	45.1	24.7	34.9		65	18	- 5	4	835	0	3	26	2	4.07		1.45	14	7.8	3	3	7	3	2
MANCHESTER 4 SE	48.1	24.9	36.5		65	18	- 8	4	790	0	1	21	1	4.23		1.72	15	4.0	3	4	6	3	1
MC KEE	43.2	19.9	31.6		64	19	-10	5+	931	0	3	27	2	4.15		1.78	15	5.5	3	6	9	2	1
MIDDLESBORO	45.5	24.3	34.9		61	28	- 4	5	839	0	2	19	2	4.10		1.25	15				7	3	2
MONTICELLO																							
MOUNT VERNON	45.8	25.5	35.7		67	18	- 7	4	816	0	2	24	1	4.17		1.47	15	7.5			8	3	1
PIKEVILLE	50.1	27.7	38.9		73	18	- 3	4	724	0	0	18	1	4.77	.97	2.67	15	6.5	3	3	7	2	1
SOMERSET 2 N	44.8	23.0	33.9		66	18	-13	4	864	0	1	27	1	3.82		1.07	15		4	5	8	2	1
STEARNS	43.5	22.8	33.2		62	19	- 7	4	885	0	2	26	1	3.95		1.45	15				7	3	1
TOMAHAWK 1 WSW	44.2	20.0	32.1		68	19	-12	5+	914	0	2	27	2	4.62		1.78	15	9.9	3	5+	10	4	1
VANCEBURG	46.5	23.0	34.8		67	18	- 8	4	841	0	1	24	1	0 2.17	- 1.23	.71	2	6.1			7	1	0
WEST LIBERTY	42.7	20.7	31.7		67	19	-10	5+	927	0	1	26	2	3.42		1.67	15		6	15	7	1	1
WILLIAMSBURG 1 E	50.5	26.8	38.7	- 2.1	66	28+	3	4	730	0	1	22	0	3.73	- .69	1.22	15				8	3	1
DIVISION			34.2	- 5.3										3.90	- .13			7.6					

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	73	DATE	18
LOWEST TEMPERATURE GRAYSON 5 SE	- 14	DATE	04
GREATEST TOTAL PRECIPITATION SCOTTSVILLE 3 SSW	5.03		
LEAST TOTAL PRECIPITATION COVINGTON WB AIRPORT R	1.68		
GREATEST 1 DAY PRECIPITATION PIKEVILLE	2.67	DATE	15
GREATEST TOTAL SNOWFALL CUMBERLAND	13.0		
GREATEST DEPTH OF SNOW WEST LIBERTY	6	DATE	15

See Reference Notes Following Station Index

KENTUCKY - FEBRUARY 1970

SPECIAL WEATHER SUMMARY

February was cold and snowy, with light to heavy precipitation, depending on location. An ice storm on the 14th and 15th was the heaviest in about 2 decades in some sections. Minor flooding about mid-month occurred in several sections, one fatality in Letcher County on the 15th being attributed to flooding. Thunderstorms were reported at one or more locations in the western half of the State on the 2d, 8th, 14th, and 15th; hail was reported at Murray on the 8th.

On the 4th early morning temperatures were near zero or below at most reporting points; as low as 14° below zero in at least two locations. On that date the mercury did not reach the freezing mark over the greater part of the Commonwealth.

From a trace to 6 inches of snow fell on the 14th, followed by freezing rain over much of the State. The greatest icing apparently was confined principally to an area west and north of a line stretching from Maysville to Winchester to Stanford to Leitchfield to Madisonville. In parts of north-central Kentucky it was the most severe ice storm since at least 1951. Many thousands of homes were without electricity and heat, and many were without telephone service. Many trees and/or shrubs suffered considerable damage. The utility lines were downed or put out of service in a number of ways, some of these being: weight of ice breaking the lines; trees and/or tree limbs falling on the lines; lines dropping ice and not breaking, but snapping back to touch and short out other lines; lines falling across lines.

In the Jefferson County area alone there were approximately 20,000 power outages, approximately 60,000 man hours being required to repair lines. Although data were not available from a number of areas, it was estimated that power outages totaled at least 55,000. It was a period of considerable hardship for many. The economic loss to affected homes and businesses and to the utility companies was considerable.

Heavy rains and snowmelt about mid-month caused minor flooding in portions of western and eastern Kentucky, with one fatality reported, but relatively minor damage. It was reported that a three-year-old child fell into the water from the bank of a creek on which she was standing (Dry Fork Creek, a tributary of the North Fork of the Kentucky River near Whitesburg in southeastern Letcher County) which collapsed due to the eroding action of high water in the usually almost-dry creek.

Monthly snowfall totals were above average at most reporting points. Atop Big Black Mountain in Harlan County, elevation 4137 feet above mean sea level, a 12-inch snow depth was reported from the 9th through the 11th.

Allen B. Elam, Jr.
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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details see the accompanying tables: this month's issues of the ESSA publications STORM DATA and CLIMATOLOGICAL DATA NATIONAL SUMMARY (river and flood conditions).

DAILY PRECIPITATION

KENTUCKY
FEBRUARY 1970

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
WESTERN 01																																
BARDWELL 4 E	3.27	T	1.03			.11	T	.14	T	.07		T		.06	1.04	.43							.26	.10	.01	.02			T			
BEAVER DAM	3.61		.70	T		.26		.19	.08						.50	1.60							.15	.05		.08						
CALHOUN LOCK 2	2.74		.32	.15		.03	.07	.07	.42	T	T		T		.19	1.18			T		T			.23		.08	T					
COBB	3.63		.47	.15			.10	.13	.32						.28	2.08								.10		T						
DAWSON SPRINGS	3.62		.40	.10			.10	T	.60	T	.02				.04	2.15	T							.15		.06						
DUNDEE 4 ESE	3.52		.52	.12			.18	.08	.30	T			T		.32	1.81								.19								
DUNMOR	3.60		.71	.02		.02	.06	.18	.26	.04					.44	1.82					T			.02		.03						
ELKTON 2 S	4.16		.80	.15		T	.16	.36	.70	.04	.02				.05	1.68					T			.12		.08	T					
FORDS FERRY DAM 50	2.79		.55	.12		.02	.15	.13	.35	T	T				.18	.95								.34		T						
FRANKLIN 1 E	3.73		.47	.17	.03	.04	.36	.31	.28	.19					.13	1.15	T				T			.48		.12	T					
GILBERTSVILLE 1 SE	3.75	T	.63			.20	.05	.18	.07	.09	T				1.11	1.26				T			.16	T		T						
GOLDEN POND 8 N	D 3.52		.49	.05		* 0	.20	.29	.26	.03	T				*	2.15			T					*	*	.05						
GREENVILLE 2 W	4.19		.34	.28		.17		.23	.45	.01					.80	1.40	.22			T			.14	.12	.03							
HARTFORD 6 NW	3.57		.46	.13		.07	.05	.12	.39	T	.04				.23	1.82					T			.24		.02	T					
HENDERSON 7 SSW	2.88		.79	T		.08		.30	.30	.01	T	T			.72	.45				T			.23	T		T						
HICKMAN 1 E	3.55	.07	.85	.02		.26	.10	.13	.10	.18	T	T			.58	.95	.13			T			.12	.06	T	T			T			
HOPKINSVILLE	3.69		.58	.12		.03	.17	.24	.39	T	T				.29	1.73	T							.09		.05						
LOVELACEVILLE	3.35		1.15			.12	T	.10	.03	.07					.85	.68							.35									
MADISONVILLE 1 SE	4.11		.40	.12		.10	.23	.15	.38	.03					.23	2.20								.22		.05						
MAYFIELD RADIO WNGO	4.61		2.40	.05		.07	T		T	.05		T			1.68	T							.18			.18			T			
MURRAY	3.60		.60	.07	T	.05	.35	.12	.23	.05	.04				.42	1.49								.14		.04	T					
OWENSBORO 2 W	2.88		.33	.21		.08		.22	.32	T					.37	1.15								.20		T						
OWENSBORO DAM 46	2.88		.34	.17		.02	.12	T	.27	.19	T		T		.38	.84			T					.53		.02						
PADUCAH FAA AIRPORT	2.94	.58	.34			.07	.03	.38	.25	.03		T		.03	.83	T							.37		.02	T			.01			
PADUCAH	3.55		1.02	T		.15		.12		.52					.86	.59							.29	T								
PARADISE STEAM PLANT R	3.95		.68	.10		T	.27	.07	.39	.08	.03				.10	1.97	T							.21		.05						
PRINCETON 1 SE	4.14	T	.53	.01	T	.19	T	.30	.47	.08	T				1.00	1.38				T			.12			.06						
ROCHESTER LOCK 3	3.95		.72	.11		.05	.11	.07	.52	.03					.13	1.96								.21		.04						
RUSSELLVILLE	4.32		.76	.19		.08	.19	.21	.37	.05	.09				.15	1.92	.08			T				.15		.08						
SEBREE	3.37		.40	.25		.12		.27	.28						.37	1.35				T				.28		.05						
UNIONTOWN DAM 49 //	2.75		.78	.08		T		.18	.71	.01	.03				.22	.49			T		T			.25	T	T	T					
* * *																																
CENTRAL 02																																
ADDISON DAM 45 //	2.93		.48	.16		.02	.09	T	.30	.05	T				.27	1.21	T							.30		.05						
ALBANY 4 N	4.38		.46	.34			.18		.19	.46						2.31	.24							.16		.04						
ANCHORAGE	-		.80	.01		.24	T	.16	.13		.02	T	.02		.55	-					T		.09			.02						
BARDSTOWN NAZARETH COL	3.31	.72		.07		.23		.17	.09	.01	.02		T		.22	1.52	.01		.01		T		.20	.01	.01	.02						
BARREN RIVER RESERVOIR	4.17		.51	.56		T	.21	.12	.54	.22	.03				.06	1.70				T	T			.16		.06	T					
BOWLING GREEN	4.54		.70	.15		T	.31	.37	.47	.10	T				.41	1.75								.22		.06						
BOWLING GREEN FAA AP	4.05	.48	.18	.02		.18	.11	.25	.32	.02	T	T	T		1.55	.61				T			.24	T	.05	.04						
BRADFORDSVILLE	4.41		*	.60			.35		.37	.25					*	2.70								.14		T						
BROWNSVILLE	4.46		.70	.14	T	.01	.12	.02	.52	.02	.01		T		.18	2.48					T			.23		.03	T					
BURKESVILLE 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CANEYVILLE	3.88		.61	.10		.08	.22	.09	.33	.05	T				.10	1.95								.27		.08						
CECILIA	3.93		.58	T		.20		.12	.18	.12	T	T	T		1.70	.74							.29		T	T						
CLERMONT 1 SSE	3.20		.68	.09		.19		.15	.07	.01	T				.38	1.54							.04	.04		.01						
EDMONTON	3.86		.45	.25			.40		.50	.20					.18	1.68								.20								
GAMALIEL 1 S	4.53		.43	.40	T	T	.26	.05	.58	.27	.01		T	T	.07	2.22	.02			T	T			.13		.09	T					
GLASGOW	3.06		.62	.18	.02	.02	.03		.53	.24					.25	.80	.05							.24		.08						
GLASGOW WKAY	3.80		.74	.07		.23	T	.09	.48	.21	.02		T		.88	.75							.21	.07	T	.05						
GLENDALE 1 E	3.77		.55	.13		.03	.25		.32	.20	T				.32	1.80								.17		T						
GREENSBURG	4.37		.50	.40	T	T	.27	T	.34	.30	.01				.20	2.12	.01							.22		T						
GREENSBURG HIWAY 61	4.54		.48	.37			.25	T	.38	.31	.17		T		.13	2.05	T							.37		.03						
HODGENVILLE-LINCOLN NP	4.62		.96	.17		.18	T	.12	.25	.18	T				.60	2.00							T	.16		T						
IRVINGTON	D 3.49		.620	.10		.14		.22	.15	.02					.39	1.68							.09	.06		.02						
LEITCHFIELD 2 N	4.87		.60	.14		.10	.30	T	.30	.40	T		T		.22	2.30								.23		.28						
LIBERTY	4.79		.63	.39	.02		.41		.41	.48					.08	2.11	.03							.20		.03						
LOUISVILLE	D 2.73		.820	.05		.30		.15	.08		T		T		.35	.93							.05									
LOUISVILLE WB AP R	2.87	.27	.52	.03	T	.19		.19	.12	T	.01	T	T		1.29	.15		T		T	T		.10		T	T						
LOUISVILLE UPPER GAGE	2.25		.63	.14	T	.03	.05		.15	.11	T				.16	.90	T	T						.08		T	T					
MAMMOTH CAVE PARK	4.73		.90	.07		.20	T	.18	.37	.02	T		T		.60	2.10				T				.24		.05						
MILLERSTOWN	2.93		.59	.20		.04	.22	T	.28	.19	.04				.08	*	*	*	*	*	*	*	*	*	*	1.29						
MUNFORDVILLE	4.25		.75	.25		T	.20	T	.35	.10	T	T			.05	2.35				T				.20		T						
NOLIN RIVER RESERVOIR	4.08		.75	.27		.04	.10	.03	.41	.11	.01				.11	1.99								.23		.03						
ROUGH RIVER DAM	4.35		.55	.73		.12	.11	.10	.35	T	T		T	T	.43	1.71					T			.25		T	T					
SCOTTSVILLE 3 SSW	5.03		1.04	.18		.45	.10	.12	.38	.34	.04				.97	1.09							.10			.22						
SCOTTSVILLE 2 SW	3.15		.70	.30		T	.25	.05	.40	.30	T				.30	.50	T				T			.20		.15						
SHEPHERDSVILLE	D 3.30		.470	.10		0	.20		.25	.07	.05				.20	1.11	.70			T				.15		T						
SUMMER SHADE	4.26		.56	.23		.28	.04	.14	.58	.27	T				.91	1.06							.19		T							
WOLF CREEK DAM	4.43		.44	.38			.26		.37	.49					.12	2.06	.05							.21		.05						
WOODBURY LOCK 4	4.28		.76	.06		.03	.15	.05	.60	.07	.02				.10	2.21					T			.16		.07						
* * *																																
BLUE GRASS 03																																
BEREA COLLEGE	4.41		.67	.32		.08	.11	.18	.12	.25	.01		.01		.49	2.07				T	T		.08	.02		T						
BEREA	3.14		.26	.40	T		.06	T	.18	.30	.01	.01	.02		.29	1.36	.07				T			.16		.02	T					
CARROLLTON LOCK 1	2.08		.53	.21		.07	.05		.26	.10	T	T	.01	T	.25	.60										T						
COVINGTON WB AIRPORT R	1.68	.15	.79	.03	.02	.04		.29	.07	T	.01	.02	T	T	.19	.03		T		.01	.01				T	.02						
CYNTHIANA	3.00		.46	.43		.06	.16		.18	.47		T	T		.21	1.03					T	T		T		T	T		T			
CYNTHIANA 2	-		.42	.30		-	-		.20	.40		T			-	-					-					-			-			
DANVILLE	4.32		.53	.33			.08		.26	.21	.01	T	.01		.31	2.46								.10		.02						
DIX DAM	4.06		.48	.14		T	.13			.43	T	T	T		*	2.70								.15		.03						
FALMOUTH 5 WNW	1.89		.42	.23		.13	.06		.16	.18	T		T		.09	.62					T	T				T	T					
FARMERS 1 WNW	3.64		.50	.26		T	.09		.23	.44	T				.22	1.82	T							.08		T						
FLEMINGSBURG	3.25		.48	.47	T	.09	.12		.25	.42					.24	1.17						T		.01								
FLEMINGSBURG 1 SW	3.00		.75	.13		.11		.17	.10	.34		T			.29	1.11										T			T			
FORD LOCK 10	4.18		.54	.32	T	T	.16		.17	.32	T		.08		.16	2.35								.08		T						
FRANKFORT LOCK 4	2.82		.47	.37	T	.04	.06		.12	.12	T	T	.02		.25	1.31					T			.06		T						
GEORGETOWN WATER WORKS	2.14		.62	.40		.05	.12		.45	.12		.02		T	.31	.05																
GEST LOCK 3	2.40		.57	.34	T	.08	.07		.10	.11	T	T	.02		.18	.90					T			.03		T	T					
HIGH BRIDGE LOCK 7	3.94		.46	.23	T	T	.20		.16	.18	T				.24	2.36								.11		T						
KEENE 1 SSW	3.15		.72	.16			.12			.15		T			.44	1.56																
LA GRANGE 1 ESE	3.72		.75	.07		.38		.81	.07	.03	.01	.02	T		.85	.64	.02	T		T	T		.06	T		T	.01					
LANCASTER	4.77		.71	.59			.23		*	.52	.02		.06		*	2.53								.11								
LEXINGTON WB AIRPORT R	3.60	.32	.46	.08		.27		.15	.30	.04	T	T	.01	T	1.23	.65				T	T		.08		T	.01						
LITTLE HICKMAN LOCK 8	4.47		.58	.27	T		.16		.19	.21	.02		T		.37	2.55								.12								
LOCKPORT LOCK 2	2.43		.56	.47		.09	.14		.18	.13	T		.02		.17	.67	T				T			T		T						
MAYSVILLE SEWAGE PLANT	2.78		.43	.48	T	.03	.17		.40	.50	T	T	T	T	.12	.63					T	T		T		.02	T					
MIDWAY	3.89		.56	.52		.18			.27	.55					.20	1.61																
MOUNT STERLING	4.35	.20	.77	.15		.20		.18	.42		T	T	T		.49	1.84				T	T		.10			T						
OWENTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				T				T		T						
RICHMOND	4.54		.55	.40	T	T	.07		.30	.32	T		.03		.30	2.38								.10		.09	T					
SALVISA LOCK 6	3.99		.51	.40	T	.06	.21	.02	.17	.24	.03	T	T		.28	1.88	.02							.13		.04	T					
SHELBYVILLE	2.65		.47	.26	T	.05	.10		.14	.12	T		T		.29	1.10								.12		T						
SPRINGFIELD	4.19		.65	.25		T	T		.21	.17	T				.35	*	2.40							.16								
TAYLORSVILLE	2.79		.50	.20		.08	.06		.20	.03	T		T		.27	1.33								.12		T						
TYRONE LOCK 5	3.69		.49	.39		.03	.07		.13	.54	T	T	.02		.19	1.73	T							.08		.02	T					
VALLEY VIEW LOCK 9	4.21		.49	.30	T	T	.20		.13	.26	T	T	.01		.17	2.57	T					T		.07		.01	T					
WARSAW MARKLAND DAM	1.96		.57	.32	.02	.06	.06		.25		T	T	T		.16	.38	.10									.04						

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	4.03		.74	.38			.19		.18	.38					.15	1.87	T							.14								
WILLIAMSTOWN 3 NW	1.86		.65	.04		.12		.24	.14	.05	.01	T	T	T	.22	.37				T				T		T			.02			
• • •																																
EASTERN 04																																
ASHLAND	2.36		.34	.23			.03		.20	.56	.12		.02	T	.17	.47	.18							.03		.01						
BARBOURVILLE	4.87		.40	.37			.03		.28	.87	.01	T	T		.02	1.40	1.16							.23		T	.10					
BAXTER	4.30		.43	.25	.09		.16		.15	.70	.19	T	.03		T	1.54	.48	T			T			.18		.03	.07					
BLAINE	D 3.52		.28	.37	*	*	.14		.22	.67		T			D .30	1.40	.03							.11								
BUCKHORN	3.60		.25	.20	.05		.10	T	.10	.50	T	T	.04	T	.11	1.39	.71			T	T			.15		T	T					
BURDINE 2 NE	4.45		.10	.10	.10					.75	.40	.10	.05		.05	1.95	.55							.15		.15						
CLAY CITY 1 WNW	4.25		.55	.35			.10		.20	.40			.05		.20	2.20	.05							.10		.05						
COLLEGE HILL LOCK 11	3.87		.54	.29	T		.09		.17	.29	T	T	.05		.15	2.20	T							.06		.03						
CUMBERLAND	4.60		.40	.55	.04		T	.04	.27	.78	.10	T	T	.03	.90	1.08	.12	.03		T			T	.16	T	.10	T					
CUMBERLAND FALLS ST PK	4.17		.12	.10	.05				1.03		.04				1.00	1.50	.09						.24									
DEWEY DAM	3.53		.15	.32	.06		.10	T	.15	.53	.05		T		.05	1.60	.43				T			.05		T	.04					
ELKHORN CITY	3.36		*	*	.40				.07	.40	.38	T	.06		.08	1.15	.73							.07		.02						
FISHTRAP RESERVOIR	3.95		.11	.24	.12		T		.18	.48	.38	.02	.03		.15	1.25	.80			T	T	T		.08		.03	.08					
FREEBURN 2 SW	4.62			.40	.10		.03	T	.36	.49	.61	.02	.06	T	.12	1.47	.71							.10		.05	.10					
FRENCHBURG	-		*	.74			*	*	*	.63					*	*	1.55							-								
GRAYSON 5 SE	3.56		.24	.34	.06		.04		.18	.62	.08		T	T	.17	1.72	.07					T		.02		.02						
GRAYSON RESERVOIR	2.75		.20	T	T		T		.21	.58	T	T	T	T	.19	1.57	T					T		T			T					
HAZARD WATER WORKS	4.85		.25	.21	.26	T	.09			.71	.21		.21		*	1.64	.93							.19		.05	.10					
HEIDELBERG LOCK 14 R	3.60		.27	.17	T		.13		.11	.55	T		.04		.16	1.78	.22							.17		T	T					
HINDMAN 11 NNE	3.38		.18	.40	.03		.12			.40	.17		.10		.95	.85	.10							.04		.04	T					
HYDEN	4.60		.22	.42	.02		.06		.11	.56	.17	.02	.03		.09	1.72	.92							.18		.06	.02					
JACKSON	4.11		.25	.31	.10		.30		.16	.64			.04		.16	1.38	.62							.12		.03						
JEREMIAH	4.31		.20	.37		T	.06	T	.21	.62	.06	T	.08	T	.88	1.30	.14	.04					T	.19		.16	T					
LLOYD GREENUP DAM	2.10		.21	.15	T	T	.05		.15	.50	.17	T	.02		.05	.76	.04					T				T	T					
LONDON FAA AP	4.07	.14	.10	.31		.05	.03	.07	.52	.04	.03	T	.01		1.45	1.07	T	T		T			.16	.03		.06						
LOUISA 2	3.94		.30	.48	.08		.12		.22	.43	.06	T	T	T	.14	1.90	.16				T	T		.03		.02						
MANCHESTER 4 SE	4.23		.27		.39		.05			.72		T	.05		.09	1.72	.68							.20			.06					
MARTIN	3.50			.12	.30		T	.20	.19	.53	.26		T		.25	1.10	.45							.10		T						
MC KEE	4.15		.37	.26			.24		.17	.64	T		.05	T	.13	1.78	.16							.28		.07	T					
MIDDLESBORO	4.10		.42	.30	.02		.06	T	.10	1.04	.01	T	T		.02	1.25	.70	.03	T					.13		.02	T					
MONTICELLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MOUNT VERNON	4.17		.82	.26		.13		.15	.27	.28	T		.05		.70	1.47							.04			T						
ONEIDA	3.93		.28	.28			.03		.10	.65			.05		.12	1.57	.60							.20		.05						
PAINTSVILLE 1 S	3.36			.32		.02	T	T	.48	.42	T				T	1.67	.45						T			T						
PIKEVILLE	4.77		.10	.32		.02		.05	.19	.71	.07		.04		.36	2.67	.04			T	T		.03	.06		.11						
PINEVILLE 4 NW	4.22		.37	.32	.02		.04		.15	.79	.06	.02			.03	1.31	.67	.02						.21		.05	.16					
RAVENNA LOCK 12	3.77		.52	.29			.10	T	.15	.39	T	T	.05		.18	2.01	T				T			.08		T	T					
SALYERSVILLE 2 SE	4.22		.29	.41			.12		.21	.23				.16	.31	2.05	.44															
SOMERSET 2 N	3.82		.45	.23		.07	.11	.10	.30	.32	.05		.01		.94	1.07							.05	.09		.03						
STEARNS	3.95		.26	.35			.06		.15	.60	.04					1.45	.70							.26		.08		T				
TILFORD	-		-	-	-	-	-	-	-	-	-	-	-	-	*	2.00							.40			.05						
TOMAHAWK 1 WSW	4.62		.22	.55	.04		.13		.24	.55	.12		T		.15	1.78	.70			T	T			.10		.04	T					
VANCEBURG	D 2.17		.71	0 .23		0 .13	.03	.16	.13	.04	T			T	0 .25	.49					T					T						
WEST LIBERTY	3.42		.31	.34	T		.16	T	.16	.44	T		T		.25	1.67	T							.05		.04	T					
WILLIAMSBURG 1 E	3.73		.32	.33	.03		.20		.24	.57	T	.03				1.22	.56		.03					.16		.04						
WILLOW LOCK 13	3.98		.36	.25	.01		.15	T	.15	.51	T		.06		.21	2.09	T							.16		.03						

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	26	4.5	10.8	30++	29	27	75	79	63	64	5	10	3	1	0	0	19	-	7.4
LEXINGTON WB AIRPORT	24	3.6	10.3	25++	21	18	77	81	63	67	6	5	5	1	1	0	18	-	7.3
LOUISVILLE WB AIRPORT	27	3.0	9.8	27	N	25+	74	78	65	64	9	2	6	1	1	0	19	47	7.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	47	44	19	38	39	45	51	51	44	47	44	41	36	33	33	36	49	65	56	34	57	47	52	50	49	41	61	58				45.3
	MIN	29	16	3	5	32	34	39	42	30	26	29	28	24	27	27	21	22	37	26	19	20	42	30	34	29	15	25	37				26.7
BEAVER DAM	MAX	50	48	27	32	37	41	48	50	45	46	45	39	40	36	33	36	48	70	66	30	57	56	57	55	51	42	57	60				46.5
	MIN	28	26	3	- 3	30	32	29	40	31	27	28	25	20	26	28	20	20	31	29	17	12	30	40	26	28	10	30	30				24.8
FORDS FERRY DAM 50	MAX	52	42	32	38	40	41	50	46	35	48	35	40	33	32	33	32	45	67	36	31	56	46	50	52	47	40	54	57				43.2
	MIN	37	12	4	4	32	32	38	33	29	28	29	24	26	26	26	21	21	34	25	19	24	36	33	31	20	14	33	35				25.9
GILBERTSVILLE 1 SE	MAX	51	46	19	40	40	45	50	49	45	49	47	44	40	34	34	38	51	69	62	35	59	54	52	53	52	42	61	58				47.1
	MIN	30	19	2	3	31	34	39	41	31	28	29	25	26	28	28	22	25	39	27	18	20	36	40	35	31	12	33	37				27.5
GOLDEN POND 8 N	MAX	55	51	45	17	40	38	45	51	51	35	48	35	44	40	36	35	39	53		40	36	54			52	35	42	64				43.2
	MIN	28	38	3		11	32	35	39	29	29	29	26	25	28	29	23	23	23	27	21	19	23	41	34	34	15	18	36				26.6
GREENVILLE 2 W	MAX	48	48	26	34	38	41	48	50	44	46	43	40	40	35	33	36	52	69	65	31	57	57	55	53	50	42	59	58				46.4
	MIN	37	25	2	- 1	30	33	37	42	30	28	29	25	22	27	28	22	26	35	28	18	15	37	39	28	30	10	33	30				26.6
HENDERSON 7 SSW	MAX	48	45	16	34	38	49	48	47	38	46	42	37	34	29	30	34	41	67	58	31	57	56	53	53	49	41	56	55				44.0
	MIN	32	16	1	- 2	33	32	33	38	31	28	28	23	24	24	28	20	18	33	27	17	19	38	34	31	25	14	34	32				25.4
HICKMAN 1 E	MAX	49	44	20	42	45	42	52	52	47	51	46	47	41	36	34	38	53		50	34	52	59	55	54	50	45	65	62				46.9
	MIN	28	20	5	4	33	36	40	45	32	26	27	30	27	29	28	23	25		27	21	20	35	43	37	31	15	30	40				28.0
HOPKINSVILLE	MAX	55	56	45	16	38	36	44	47	48	48	48	34	44	49	37	32	42	51	70	35	36	59	51	55	52	41	41	65				45.5
	MIN	25	32	2	2	7	31	33	39	31	29	29	25	25	25	31	23	22	27	29	20	19	21	37	33	37	12	13	29				24.6
LOVELACEVILLE	MAX	50	44	18	38	40	45	51	53	43	49	43	41	37	33	32	36	52	66	57	34	57	50	55	51	46	43	63	60				46.0
	MIN	28	18	3	1	32	34	37	40	28	26	30	28	21	28	26	20	20	33	26	18	18	31	38	35	27	13	27	38				25.9
MADISONVILLE 1 SE	MAX	49	48	20	37	38	41	48	49	43	47	46	40	39	34	32	34	51	68	63	31	58	53	55	53	50	41	59	59				45.9
	MIN	30	20	2	1	31	32	37	41	31	27	29	24	24	27	29	21	22	32	28	20	17	32	38	30	26	13	34	30				26.0
MAYFIELD RADIO WNGO	MAX			19	40	40	45		49	47	47	44	44	42	36	33	39	54	68	61	40	59	52	61	53	49	41	66	61				47.6
	MIN		18	4	4	32	35	39		27	26	27	28	23	22	28	22	19	35	26	17	17	40	37	32	30	11	30	34				25.5
MURRAY	MAX	55	50	45	17	40	38	43	48	50	35	47	33	43	43	35	31	40	55	69	37	35	58	51	57	52	36	46	64				44.8
	MIN	27	37	3	5	7	32	36	42	30	28	29	28	26	29	29	23	25	27	27	22	20	32	43	36	33	14	16	37				26.5
OWENSBORO 2 W	MAX	50	45	20	32	35	42	45	50	40	45	40	36	36	33	32	36	40	67	57	30	55	50	57	54	50	40	65	59				44.3
	MIN	30	20	2	0	30	32	32	39	30	27	27	23	24	24	26	19	21	32	27	17	19	32	34	29	27	14	30	32				25.0
PADUCAH FAA AIRPORT	MAX	49	42	15	38	41	42	50	51	33	47	36	40	35	34	31	37	50	65	35	34	56	47	55	51	48	42	59	57				43.6
	MIN	33	11	3	7	32	34	39	32	31	26	28	28	27	27	25	21	21	35	25	20	20	42	39	36	19	16	33	36				26.6
PADUCAH	MAX	54	46	18	39	40	41	51	51	44	49	46	41	39	33	33	36	51	66	62	34	57	54	53	52	51	41	59	57				46.4
	MIN	31	17	3	11	31	33	39	44	30	28	28	28	25	27	27	21	21	38	26	21	20	35	40	35	29	15	33	36				27.6
PRINCETON 1 SE	MAX	52	48	22	37	37	43	47	47	44	47	45	42	39	33	32	34	53	68	65	33	57	54	54	54	50	41	61	58				46.3
	MIN	31	21	0	0	30	33	38	42	29	28	28	22	28	27	27	20	25	35	26	20	20	36	40	31	27	11	31	35				26.5
ROCHESTER LOCK 3	MAX	53	52	50	13	37	37	41	47	49	37	46	36	39	41	34	32	39	50	70	33				56	50	43	42					42.8
	MIN	26	30	6	0	3	30	33	37	31	28	28	29	22	25	30	24	24	26	31	21				21	31	13	13					23.4
RUSSELLVILLE	MAX	54	49	46	15	37	35	42	46	48	36	46	35	40	45	39	33	44	49	69	43	34	55	51	53	49	45	43	63				44.4
	MIN	37	40	3	- 1	2	30	34	40	31	28	28	27	24	27	30	23	24	26	30	20	14	23	40	30	36	10	11	33				25.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	51	48	33	28	37	41	43	45	45	42	41	38	35	33	31	33	34	63	63	33	52	49	51	54	53	40	55	55				43.8
	MIN	31	32	6	- 3	26	30	26	39	31	25	29	26	26	21	25	19	17	26	28	17	15	34	34	28	23	9	28	29				24.2
BARDSTOWN NAZARETH COL	MAX	51	48	36	28	36	48	44	46	46	41	39	37	36	33	32	32	33	64	62	38	50	50	54	53	46	39	56	58				44.1
	MIN	29	35	7	- 3	28	32	29	41	31	27	30	24	25	23	26	19	19	21	30	24	16	35	35	28	26	10	28	27				25.1
BARREN RIVER RESERVOIR	MAX				15	35	36	40	46	47	37	44	34	40	46	50	35	41	47	67	34	34	54	51	54	47	46	43	62				43.4
	MIN	28	30	8	- 4	3	32	33	37	32	28	25	25	21	26	30	26	19	22	32	16	12	12	38	28	31	12	12	29				23.0
BOWLING GREEN FAA AP	MAX	49	49	18	32	37	40	45	49	38	45	35	41	46	40	40	40	45	66	45	34	53	51	56	47	46	41	63	61				44.7
	MIN	25	18	2	- 1	30	33	34	35	32	28	27	26	24	29	31	26	23	29	22	18	16	30	34	29	20	14	30	30				24.8
BRADFORDSVILLE	MAX	51	56	44	19	35	35	42	46	47	38	40	41	42	42	41	35	38	57	68	33	43	54	52	57	52	38	42	66				44.8
	MIN	30	30	10	-10	18	32	28	40	30	27	27	25	20	25	31	24	30	28	31	13	9	27	37	22	29	7	28	22				23.9
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	48	46	30	28	35	40	44	47	45	42	38	37	34	38	38	31	34	63	60	38	53	51	54	52	47	39	57	60				43.9
	MIN	28	30	5	- 3	27	32	31	40	31	26	29	23	21	26	30	20	17	23	24	19	14	32	36	25	26	10	27	26				24.1
CLERMONT 1 SSE	MAX	53	49	39	28	36	42	45	47	47	43	42	39	38	37	33	33	33	65	64	33	53	53	53	54	54	40	57	59				45.3
	MIN	33	36	13	- 7	26	31	29	39	31	23	29	24	21	23	27	19	15	22	29	16	10	23	32	23	32	6	29	27				23.6
GLASGOW WKAY	MAX	49	48	29	29	35	38	45	45	42	42	36	39	45	37	50	37	46	65	58	33	53	51	56	46	44	41	60	61				45.0
	MIN	28	29	5	- 3	29	32	35	40	31	27	26	25	19	28	30	25	23	30	28	15	13	34	40	27	26	11	29	32				25.5
GREENSBURG	MAX	52	50	49	18	35	36	40	45	46	38	43	38	42	46	43	36	40	48	67	35	35	53	52	56	51	45	46	62				44.5
	MIN	23	25	12	- 4	- 1	30	34	36	33	30	28	26	20	20	30	26	25	26	27	18	13	15	31	25	27	11	12	26				22.3
HODGENVILLE-LINCOLN NP	MAX	52	48	39	26	36	38	43	46	46	41	42	40	40	38	40	33	39	65	65	31	53	53	54	54	51	41	58	60				45.4
	MIN	27	35	7	- 6	26	32	30	40	31	26	28	24	20	25	30	21	19	28	30	18	12	31	35	27	30	8	28	29				24.7
IRVINGTON	MAX	51	48	38	35	37	40	44	45	45	45	43	36	36	35	32	33	36	64	66	32	45	54	51	53	54	40	55	55				44.6
	MIN	23	37	30	- 5	26	32	29	40	30	25	28	22	20	23	23	19	15	26	27	17	13	30	38	22	29	8	26	26				24.3
LEITCHFIELD 2 N	MAX	48	44	26	30	36	39	45	47	42	44	36	33	39	33	32	34	42	68	64	30	54	52	56	51	46	45	55	60				44.0
	MIN	25	26	4	- 4	28	28	29	41	31	27	28	25	20	25	29	22	18	27	27	19	14	30	38	25	34	10	27	27				24.3
LOUISVILLE	MAX	53	48	28	28	37	42	45	45	46	41	44	38	38	35	33	34	39	65	56	33	54	51	50	55	55	38	54	57				44.4
	MIN	37	27	6	2	28	31	29	41	33	26	32	27	28	22	27	22	23	27	28	18	18	38	34	27	26	17	33	31				26.4
LOUISVILLE WB AP	MAX	50	44	25	33	37	42	45	47	41	43	36	38	36	31	32	33	32	64	51	30	52	48	50	54	47	40	55	56				42.6
	MIN	30	25	2	0	31	31	29	37	34	27	32	27	28	23	28	21	19	26	25	19	17	30	29	26	19	12	30	30				24.5
MAMMOTH CAVE PARK	MAX	48	48	39	29	35	40	48	48	46	42	42	39	43	41	40	36	46	66	64	32	51	51	54	54	46	40	60	60				46.0
	MIN	28	35	5	- 7	28	30	33	42	30	26	26	26	18	27	31	23	19	29	29	14	10	34	38	26	29	6	29	29				24.8

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	53	49	48	15	35	35	40	46	49	38	45	36	49	41	36	33	35	47	67	38	33	55	53	55	48	46	40	60				43.8
	MIN	21	31	7	-3	3	29	30	37	32	27	26	25	19	19	29	24	20	20	32	18	13	16	35	25	25	9	10	30				21.8
ROUGH RIVER DAM	MAX	53	48	45	14	35	36	40	45	47	36	45	37	37	38	33	32	34	38	68	32	31	55	50	56	54	39	41	58				42.0
	MIN	27	33	3	-2	3	30	32	34	30	26	26	24	20	25	25	20	18	18	30	18	13	19	36	25	26	9	10	29				21.7
SCOTTSVILLE 3 SSW	MAX	52	48	35	30	35	42	45	45	44	45	43	39	47	43	55	41	48	66	64	33	54	51	55	52	47	42	63	61				47.3
	MIN	31	35	5	-3	29	33	38	41	31	27	25	28	24	30	31	27	23	31	29	19	15	34	41	34	30	12	29	34				27.3
SUMMER SHADE	MAX	50	49	30	31	35	44	45	45	44	42	34	41	47	41	55	39	51	65	58	35	52	51	55	47	45	42	61	61				46.3
	MIN	25	30	4	-7	28	33	35	41	32	27	24	25	21	30	30	28	25	28	30	16	12	31	36	28	25	10	26	31				25.1
WOLF CREEK DAM	MAX	54	52	49	18	38	37	45	45	48	35	42	37	43	47	54	40	39	47	66	36	39	52	56	54	50	46	45	62				45.6
	MIN	20	25	14	-5	-1	32	35	39	34	30	25	27	18	19	33	31	30	27	29	15	12	19	29	25	32	10	20	26				23.2
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	49	47	42	32	35	39	42	46	43	36	37	39	37	35	50	35	42	66	64	32	48	53	52	52	48	40	58	58				44.9
	MIN	33	34	9	-7	30	32	29	40	32	27	30	26	26	26	31	25	28	32	28	19	14	25	37	30	28	9	31	27				26.1
CARROLLTON LOCK 1	MAX	52	48	39	26	36	38	38	41	43	38	39	37	37	33	33	34	37	62	63	35	52	51	52	56	56	38	56	53				43.7
	MIN	31	34	7	-1	25	31	21	33	32	28	30	26	26	20	25	18	18	28	28	16	13	35	33	21	29	9	28	25				23.9
COVINGTON WB AIRPORT	MAX	48	42	24	28	34	37	40	42	38	35	36	34	29	28	31	35	39	59	50	26	49	51	50	53	45	34	49	44				39.6
	MIN	33	24	0	-3	27	24	23	35	33	28	28	25	24	19	26	16	19	29	25	14	15	31	23	24	13	5	25	20				21.6
CYNTHIANA 2	MAX	52	49	47	23	34	35	40	40	44	39	37	34	36	36	30	33	34	36	63	34	29	49	54	54	57	42	40	56				41.3
	MIN	26	29	14	-6	-3	29	21	33	33	31	25	25	18	22	20	19	20	21	31	19	14	19	20	22	25	7	12	22				20.3
DANVILLE	MAX	50	48	48	17	34	35	38	44	46	40	39	36	40	38	35	32	34	45	65	33	30	50	54	53	52	44	41	57				42.1
	MIN	28	33	14	-5	-4	30	30	30	34	30	27	26	25	25	25	23	23	27	32	20	15	15	35	30	30	9	9	26				22.9
DIX DAM	MAX	50	49	42	24	33	38	42		38	37	35	38	38	33	36	38	40	64	64	32	50	53	52	52	51	43	56	57				43.9
	MIN	26	33	8	-5	22	32	30		31	28	30	26	23	23	22	22	25	31	30	18	14	29	33	27	29	10	28	27				24.1
FALMOUTH 5 WNW	MAX	50	45	36	24	36	40	38	42	42	37	36	37	29	25	34	35	37	63	56	30	49	52	52	56	49	39	49	50				41.7
	MIN	26	32	5	-7	22	30	24	34	32	28	21	25	23	17	22	15	13	24	27	16	10	23	25	18	20	2	28	24				20.7
FARMERS 1 WNW	MAX	50	52	42	26	36	41	40	46	45	42	34	38	37	37	36	35	48	67	64	31	48	55	50	55	50	40	56	55				44.9
	MIN	24	37	8	-9	25	32	25	39	36	29	26	26	28	22	28	25	29	26	31	22	12	22	31	22	26	6	30	22				24.3
FLEMINGSBURG 1 SW	MAX	48	48	40	23	33	40	39	43	43	36	34	36	34	28	35	31	38	63	60	30	46	51	50	53	48	38	53	51				41.9
	MIN	38	33	10	-10	22	30	18	37	33	29	26	25	26	19	26	20	23	26	27	19	13	29	29	23	24	6	28	21				23.2
FRANKFORT LOCK 4	MAX	53	50	48	18	34	36	42	42	46	40	41	31	38	36		33	34	36	65	35	34	54	52	52	55	46	42	56				42.6
	MIN	28	30	15	-2	-2	29	24	27	33	31	29	27	27	22		22	21	24	25	21	14	15	27	25	24	10	10	28				21.6
LEXINGTON WB AIRPORT	MAX	48	47	26	29	33	36	39	44	38	36	33	37	34	33	37	31	40	64	51	28	48	52	50	52	44	39	53	54				41.3
	MIN	28	26	-1	-6	28	27	26	38	30	28	29	24	24	22	29	21	25	32	24	16	13	32	32	29	14	8	29	27				23.4
MAYSVILLE SEWAGE PLANT	MAX	55	50	48	21	32	35	40	41	44	40	38	37	38	29	32	34	35	38	63	35	29	50	54	53	56	44	39	54				41.6
	MIN	27	33	16	-4	-4	30	22	23	35	32	28	25	25	20	20	21	20	25	27	20	15	17	30	22	23	9	9	19				20.9
MOUNT STERLING	MAX	51	49	42	24	34	40	41	45	45	39	35	38	39	36	40	35	43	65	64	33	48	53	51	55	50	40	56	56				44.5
	MIN	24	35	12	-6	24	31	29	39	33	29	23	24	24	21	26	22	26	30	28	19	13	32	33	28	28	8	28	25				24.6
OWENTON	MAX														35	33	31	31	33	60	36	28	48	49	52	53	38	37	52				
	MIN														19	23	16	17	24	23	17	14	15	20	31	31	8	11	27				
RICHMOND	MAX	53	48	48	21	33	34	38	43	45	38	35	35	41	37	41	34	34	43	65	35	33	49	53	53	54	44	40	58				42.3
	MIN	29	35	13	-8	-5	30	31	32	32	30	28	26	25	24	24	24	26	29	31	18	11	20	32	29	32	8	13	27				23.1
SHELBYVILLE	MAX	51	47	45	14	32	34	40	41	45	38	39	34	38	33	32	32	32	32	62	34	29	50	49	52	54	41	39	55				40.1
	MIN	25	29	8	-3	-2	28	25	26	31	29	27	26	25	20	20	18	17	23	29	19	14	15	33	27	27	9	9	27				20.8
WARSAW MARKLAND DAM	MAX	50	49	42	18	33	37	38	40	42	39	37	36	36	34	31	34	35	39	63	35	30	53	52	53	56	44	40	52				41.0
	MIN	20	25	16	-5	-5	29	25	24	33	28	27	27	24	20	18	20	15	20	27	24	13	14	24	21	18	8	6	26				19.4
WAYNESBURG 7 NE	MAX	49	48	41	27	33	41	41	45	43	35	37	38	40	37	50	35	47	65	59	30	47	53	52	50	46	40	56	62				44.5
	MIN	27	33	10	-9	27	32	30	39	32	27	29	24	22	25	30	25	26	29	28	17	10	29	35	27	25	7	28	26				24.6
WILLIAMSTOWN 3 NW	MAX	47	45	37	27	34	40	39	43	43	38	35	35	33	28	33	31	33	61	67	40	49	50	52	55	50	37	53	49				42.3
	MIN	31	32	5	-6	21	30	25	37	31	27	28	25	24	18	23	18	20	28	27	15	14	32	29	30	23	7	29	25				23.1
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	55	52	53	22	34	36	42	41	46	39	35	37	38	33	35	36	35	49	68	36	32	47	58	52	58	44	39	54				43.1
	MIN	25	25	20	-6	-5	29	23	26	36	33	29	27	27	20	20	25	24	29	35	25	12	16	24	21	21	7	7	19				21.2
BARBOURVILLE	MAX	53	52	51	23	32	38	47	47	47	41	38	40	43	44	57	55	38	44	64	42	39	49	58	54	55	46	45	64				46.6
	MIN	19	18	22	-4	-5	28	32	31	38	30	26	29	19	20	20	32	32	29	30	21	11	12	21	23	24	9	9	20				21.3
BAXTER	MAX	50	51	52	27	30	37	46	48	44	39	35	42	40	49	53	55	39	49	64	47	38	47	56	55	55	45	41	58				46.1
	MIN	19	20	25	-4	-4	24	30	31	36	31	25	28	20	21	31	34	34	31	31	22	12	11	19	25	25	9	9	20				22.0
BLAINE	MAX	52	51	53	25	25	40	40	42	47	40	36	37	39	36	35	38	47	48	68	35	36	47	57	54	57	44	41	58				43.9
	MIN	11	26	19	-13	-11	25	26	22	37	28	26	27	21	21	16	27	21	24	28	24	12	18	22	19	21	3	9	21				18.9
CUMBERLAND	MAX	51	53	48	34	40	46	51	46	46	34	40	49	46	47	56	48	51	63	60	40	48	56	53	55	51	42	58	63				49.1
	MIN	18	40	12	-8	25	30	27	25	31	29	25	26	20	26	43	32	34	31	29	21	10	18	37	21	28	5	23	24				24.4
DEWEY DAM	MAX	48	52	51	23	26	40	40	46	45	42	35	36	38	40	35	36	35	43	66	42	33	45	59	50	56	46	41	56				43.0
	MIN	22	19	22	-10	-10	26	28	30	38	30	26	29	26	27	28	34	30	27	36	26	10	12	20	20	20	7	8	24				21.6
GRAYSON 5 SE	MAX	51	51	53	22	33	36	41	41	46	39	34	37	38	32	33	37	35	49	67	37	33	49	57	52	58	45	40	54				42.9
	MIN	19	21	17	-14	-13	31	23	26	37	32	28	27	27	21	21	25	25	29	34	24	11	11	25	20	20	5	5	18				19.8
HEIDELBERG LOCK 14	MAX	52	51	50	27	38	40	40	40	48	40	38	39	41	40	41	36	41	65	67	34	48	56	56	55	55	39	58	60				46.3
	MIN	19	36	15	-8	23	32	33	37	36	31	24	28	26	26	30	29	32	28	32	20	8	19	33	21	37	6	21	23				24.9
HINDMAN 11 NNE	MAX	49	53	55	25	33	46	44	53	48	42	38	36	37	36	38	38	49	51	65	42	35	45	60	53	58	47	41	59				45.6
	MIN	19	22	25	-9	-6	31	30	31	37	30	25	24	22	23	27	25	25	25	30	20	11	19	31	20	25	6	17	24				21.8
HYDEN	MAX	48	52	51	22	30	41	47	51	48	39	36	38	39	45	51	55	37	43	64	39	35	45	58	53	56	45	42	58				45.3
	MIN	19	19	22	-6	-7	26	30	30	36	31	25	29	23	25	30	32	31	29	29	20	10	9	19	23	23	7	6	24				21.2
JACKSON	MAX	53	51	54	23	34	38	41	45	47	40	37	36	43	43	38	42	36	44	40	40	38	51	58	58	59	47	45	62				44.4
	MIN	22	23	22	-6	-4	28	33	33	38	33	28	28	28	28	28	31	30	30	33	23	12	14	22	23	25	10	10	26				23.3

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	50	50	32	25	35	43	46	46	41	34	35	38	46	44	56	35	41	65	53	32	47	56	51	53	46	43	59	62				45.1
	MIN	22	32	0	- 5	24	32	32	40	32	29	31	27	22	30	33	30	32	31	25	17	13	25	30	25	17	10	28	28				24.7
MANCHESTER 4 SE	MAX	51	53	49	29	37	46	49	48	46	38	37	41	48	43	54	38	44	65	63	35	48	58	55	55	52	43	60	63				48.1
	MIN	17	37	15	- 8	21	31	30	38	36	30	25	28	21	30	35	32	33	29	33	19	-9	19	36	22	27	6	22	24				24.9
MC KEE	MAX	50	49	48	18	32	36	41	43	45	40	35	37	36	40	44	43	35	47	64	34	32	48	61	54	53	44	45	56				43.2
	MIN	19	22	17	-10	-10	30	31	31	34	30	28	27	22	27	27	27	26	26	30	14	6	7	21	20	21	5	5	23				19.9
MIDDLESBORO	MAX	51	49	50	23	30	34	47	44	44	40	37	42	42	50	53	54	39	49	60	42	37	48	53	53	56	44	41	61				45.5
	MIN	20	34	23	- 3	- 4	28	33	34	38	32	30	30	20	20	34	35	35	33	42	22	13	13	20	24	26	11	11	25				24.3
MONTICELLO	MAX																																
	MIN																																
MOUNT VERNON	MAX	49	49	42	30	34	42	43	45	44	36	38	39	42	37	51	36	45	67	66	32	47	53	54	53	49	42	56	62				45.8
	MIN	31	35	10	- 7	25	32	31	39	33	27	30	25	22	27	31	27	29	31	29	17	11	32	36	24	27	6	29	26				25.5
PIKEVILLE	MAX	53	60	53	34	44	50	56	48	46	37	37	42	45	37	52	39	45	73	56	40	51	62	57	61	53	48	62	62				50.1
	MIN	23	38	16	- 3	25	34	31	30	36	34	30	29	27	28	35	34	34	35	34	28	15	23	42	25	29	10	26	27				27.7
SOMERSET 2 N	MAX	49	47	39	28	33	40	43	46	42	35	36	39	44	39	54	35	38	66	60	35	47	54	51	49	43	41	59	62				44.8
	MIN	23	30	10	-13	25	31	30	30	32	27	26	24	20	27	26	28	29	21	29	17	10	25	35	20	26	7	23	26				23.0
STEARNS	MAX	50	52	48	23	32	35	37	38	37	36	36	38	40	44	53	52	33	40	62	36	39	50	57	52	52	52	42	52				43.5
	MIN	26	29	12	- 7	4	32	32	30	30	27	21	21	20	21	32	29	29	31	33	12	12	25	33	28	25	8	14	28				22.8
TOMAHAWK 1 WSW	MAX	50	53	52	22	27	42	42	46	47	47	35	38	37	38	42	38	35	44	68	42	35	45	61	51	58	45	39	59				44.2
	MIN	16	17	20	-12	-12	25	27	27	38	32	28	29	24	24	24	29	30	32	32	26	9	9	20	19	19	5	5	19				20.0
VANCEBURG	MAX	52	51	43	32	35	39	52	49	43	44	42	38	36	36	45	35	42	67	66	43	47	58	53	56	52	39	56	52				46.5
	MIN	29	35	6	- 8	24	31	20	35	35	26	32	26	29	19	25	23	22	20	33	23	11	25	24	18	28	4	28	22				23.0
WEST LIBERTY	MAX	48	52	50	20	34	39	36	40	46	39	35	34	40	36	33	36	38	50	67	35	34	42	56	54	58	44	42	58				42.7
	MIN	19	28	18	-10	-10	32	27	27	33	31	31	26	26	22	22	28	28	34	30	24	10	10	28	20	20	5	5	16				20.7
WILLIAMSBURG 1 E	MAX	52	52	50	29	37	50	48	47	44	38	42	51	53	57	40	43	65	66	59	55	54	53	56	48	50	47	63	66				50.5
	MIN	21	39	13	3	25	32	35	39	35	29	31	23	21	38	31	32	19	25	13	39	25	27	29	29	29	10	31	26				26.8

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL					1.0																										
	SN ON GND					1																										
FORDS FERRY DAM 50	SNOWFALL			-			2.0				T				3.5																	
	SN ON GND			1	1	1	T				T				3	2	1	T	T													
HENDERSON 7 SSW	SNOWFALL		3.0	T		1.0				T	T	T			4.0					T						T						
	SN ON GND		3	2	2	T	T	T							3	2	1	T		T												
HOPKINSVILLE	SNOWFALL			.5		.3	.1				T				1.0																	
	SN ON GND			1		T	T								1																	
MURRAY	SNOWFALL			.3	T	1.6	.4			T					.3																	
	SN ON GND			T	T	1	T								T																	
OWENSBORO 2 W	SNOWFALL			1.0		T				T					4.0	T										T						
	SN ON GND			1	1	1	T			T					4	-	1	1	T													
PADUCAH FAA AIRPORT	SNOWFALL		T			T				T		T		T	T											T						
	SN ON GND		T	T	T	T									T	T	T															
RUSSELLVILLE	SNOWFALL			1.0			2.0								-																	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BOWLING GREEN FAA AP	SNOWFALL		1.0	T		2.2			T	.2	T	T	T		1.0					T						T						
	SN ON GND			1	T		1				T				1																	
IRVINGTON	SNOWFALL			1.0		1.0									4.5																	
	SN ON GND			1	1	T									5	-	-	T														
LOUISVILLE WB AP	SNOWFALL		.6	.3	T	1.9				T	T	T	T		4.6			T		T	T					T						
	SN ON GND			1	T	1	T				T				3	2	2	1	1													
	WTR EQUIV														.3	.2	.2															
MAMMOTH CAVE PARK	SNOWFALL			1.5		2.0				T	T		T		T																	
	SN ON GND			1	1	3	T																									
MILLERSTOWN	SNOWFALL			1.0		.5	2.0			T	.5				1.0																	
	SN ON GND			1	1	2	3	T		T	1				1	T																
SUMMER SHADE	SNOWFALL		T	2.5		3.5				T					T																	
	SN ON GND			3	3	4	1																									
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL		T	4.0		.8	T			T	.2		.2		4.5					T	T					T						
	SN ON GND			4	3	3									3	T																
COVINGTON WB AIRPORT	SNOWFALL		.7	.3	.3	.4				T	.1	.2	T	.1	1.7			T		.1	.2					.2						
	SN ON GND		T	1	T	1	T	T			T	T	T	T	1	2	1	T	T		T											
	WTR EQUIV															.2																
CYNTHIANA	SNOWFALL			2.5		1.2	2.0					T	T		3.1	1.1					T	T					T					
	SN ON GND			3	2	3	2	T							3	3	2	1	T													
DANVILLE	SNOWFALL			2.4			.8				T	T	.1		4.0	1.0																
	SN ON GND			2	2	2	1	T			T		T		4	2	1															
FARMERS 1 WNW	SNOWFALL			2.0		T									4.0	2.0																
	SN ON GND			2	2	2	1	T							4	2																
GEST LOCK 3	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LEXINGTON WB AIRPORT	SNOWFALL	T	.7	.9		2.8				T	.2	.1	.2	T	5.0					T	T					T						
	SN ON GND			1	1	1	3	1	T		T		T		3	2	2	1	T													
	WTR EQUIV						.4								.1	.4	.3															
MAYSVILLE SEWAGE PLANT	SNOWFALL			1.5	T	1.0	.5								2.0	T																
	SN ON GND			2	1	2	2								2	2	2	1	T	T												
WILLIAMSTOWN 3 NW	SNOWFALL		T	1.0		2.0		T			.2	T	.2	T	3.5	.5				T						T			T			
	SN ON GND			1	1	2	-	1	T	T	T	T		T	4	4	4	2	T	T	T											
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL			4.5	1.0		T	T		2.5	1.0	T	.5		3.0					T						.5	T					
	SN ON GND			4	3	2	T	T	T	1	1	T	T		T											1	T					
DEWEY DAM	SNOWFALL			3.0	T		T						T		2.0	6.0					T											
	SN ON GND			3	3	1	1						T		2	2	T															
HAZARD WATER WORKS	SNOWFALL			1.0	1.0	T	1.0						1.0		1.0																	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HEIDELBERG LOCK 14	SNOWFALL			1.5	T		1.0						.8		1.9												T					
	SN ON GND			2	2	1	2						1		2	2	1	T									T					
LONDON FAA AP	SNOWFALL		T	2.8		2.0				T	.3	T	T		2.7					T						T						
	SN ON GND			3	2	1					T		T		2																	
MIDDLESBORO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PIKEVILLE	SNOWFALL			3.2						T	T		.3		3.0						T					T						
	SN ON GND			3							T		T		2	T										T						
SOMERSET 2 N	SNOWFALL			3.0		1.5							T		-																	
	SN ON GND			3	3	4	-								1																	

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN NAZARETH COL																																		
	4	MAX	39	39	39	39	36	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	42	43	43	43	39	41				35.9
		MIN	39	39	38	36	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	40	43	37	36	38				34.8
	20	5PM	41	41	40	41	40	39	40	40	39	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40				40.0
BEREA COLLEGE																																		
	4	MAX	38	38	38	36	35	33	34	37	37	37	36	36	36	34	34	33	34	39	39	38	35	36	40	40	39	39	38	40				36.8
		MIN	35	38	36	34	33	33	33	34	37	36	36	35	34	34	33	33	33	34	38	34	33	34	36	38	39	34	35	36				34.9
	20	5PM	40	40	40	39	39	39	38	39	39	39	39	39	39	39	38	38	38	38	39	38	39	39	39	40	39	41	39	40				39.0
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	40	40	39	39	36	36	36	39	39	39	38	38	38	39	38	37	38	41	41	39	37	43	39	45	40	41	40	42				39.2
		MIN	37	36	37	36	35	36	35	36	37	38	37	36	36	37	37	36	35	36	39	35	34	35	35	38	40	36	36	37				36.4
	20	6PM	39	39	39	39	39	39	38	38	39	39	39	39	39	39	38	38	39	38	39	39	38	39	39	39	40	40	39	40				38.9
CUMBERLAND GAP PARK																																		
	4	MAX	36	39	38	38	36	36	37	38	39	39	39	40	40	39	43	42	42	44	44	43	39	37	42	42	41	46	40	42				40.0
		MIN	34	36	38	36	36	36	36	37	38	38	37	37	36	37	37	40	40	40	42	37	36	35	37	37	41	36	36	37				37.3
	20	5PM	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	42	43	43	43	43	43	42	42	42	42	42	42				41.6
FLEMINGSBURG 1 SW																																		
	4	MAX	34	36	36	35	33	32	32	33	34	34	34	32	33	32	32	31	33	35	36	35	33	32	36	36	36	37	33	36				34.0
		MIN	33	34	35	32	32	32	32	32	33	33	32	32	32	32	31	31	31	32	35	32	31	31	32	33	36	32	32	33				32.4
	20	6PM	38	38	38	38	37	37	37	37	37	37	37	37	37	37	37	36	36	36	37	37	37	37	37	37	38	38	37	37				37.1
GLASGOW WKAY																																		
	4	MAX	40	40	40	40	37	37	39	40	40	40	39	38	39	39	38	38	40	42	42	41	37	39	44	44	43	42	41	41				40.0
		MIN	39	40	40	37	36	36	37	39	40	39	38	38	36	38	38	38	37	38	41	37	36	36	39	40	42	37	36	40				38.1
	20	6PM	41	41	41	40	40	40	40	41	41	41	41	40	40	40	40	40	40	41	41	40	40	40	41	41	41	41	41	41				40.5
GREENVILLE 2 W																																		
	4	MAX	41	40	40	39	35	37	39	47	42	40	41	39	40	37	37	37	46	43	43	41	38	38	46	46	44	43	42	42				40.8
		MIN	38	38	37	35	33	35	36	39	40	37	38	36	36	37	37	35	37	38	40	36	35	37	38	41	43	35	36	38				37.2
	20	5PM	41	41	41	39	40	40	39	40	41	40	41	40	40	40	40	39	40	40	41	41	40	40	41	41	41	42	41	41				40.4
HENDERSON 7 SSW																																		
	4	MAX	40	40	40	40	39	39	39	40	40	40	40	40	40	39	39	39	39	40	41	40	39	40	43	43	43	43	42	42				40.3
		MIN	39	40	40	39	39	39	39	39	40	40	40	40	39	39	39	39	38	38	38	38	38	39	40	41	43	39	39	41				39.4
	20	6PM	40	40	40	40	40	40	40	40	41	41	41	41	41	40	40	40	39	39	40	40	40	40	40	41	42	41	41	42				40.4
IRVINGTON																																		
	4	MAX	40	39	39	39	35	35	36	39	40	40	40	40	39	38	37	37	38	40	42	40	37	38	42	43	39	41	41	42				39.1
		MIN	37	39	39	35	35	35	35	36	39	39	39	38	38	37	37	37	37	36	40	37	35	36	37	39	36	36	37	39				37.1
	20	4PM	38	38	39	38	37	37	37	37	38	38	38	38	38	38	37	37	37	37	37	38	37	37	37	37	38	38	37	38				37.5
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	39	46	35	34	34	34	34	43	42	39	34	42	34	33	34	34	34	53	42	36	44	43	60	55	44	40	50	58				41.1
		MIN	32	35	34	34	34	34	34	34	34	34	33	33	32	32	33	33	33	34	31	27	24	31	34	34	25	23	29	32				31.9
	2	MAX	38	44	36	34	35	34	35	42	41	38	35	40	34	34	34	34	35	49	42	34	37	38	54	50	43	36	43	53				39.4
		MIN	34	36	34	34	34	34	34	34	35	35	34	34	33	33	34	34	34	34	34	31	28	33	35	35	30	27	31	33				33.3
	4	MAX	37	42	38	35	35	35	35	41	40	37	36	38	35	34	34	35	35	44	41	35	34	36	48	45	43	35	37	46				38.1
		MIN	35	36	35	35	35	35	35	35	36	36	35	35	34	34	34	34	34	34	35	34	33	33	35	36	35	33	34	34				34.6
	8	MAX	37	41	39	37	36	36	36	39	39	38	37	37	36	36	35	35	36	40	39	37	36	36	43	42	42	38	36	41				37.9
		MIN	37	37	37	36	36	36	36	36	38	37	36	36	36	35	35	35	35	35	37	36	35	35	36	38	38	36	35	36				36.1
(SOD)	1	MAX	38	41	38	35	34	35	35	40	39	38	36	38	36	35	35	35	38	42	40	35	34	37	45	43	42	36	41	44				38.0
		MIN	35	37	35	34	34	34	34	35	37	36	35	35	34	34	34	34	34	35	35	34	33	33	36	36	36	34	34	35				34.7
	2	MAX	38	41	39	36	35	35	36	39	39	38	37	38	37	35	35	35	38	41	40	36	34	37	44	42	42	37	40	43				38.1
		MIN	36	37	36	34	34	35	35	36	37	37	36	35	35	35	35	35	35	35	36	34	34	34	37	37	37	35	35	36				35.5
	4	MAX	38	40	39	36	35	35	36	39	39	38	37	38	37	36	35	35	38	40	39	37	35	37	42	41	41	38	39	42				37.9
		MIN	36	37	36	35	35	35	35	36	38	37	36	36	36	35	35	35	35	35	37	35	34	34	37	37	38	35	35	36				35.8
	8	MAX	38	40	39	38	36	36	36	38	39	39	38	38	37	37	36	36	37	39	39	38	36	37	40	40	41	39	38	40				38.0
		MIN	38	38	38	36	36	36	36	36	38	38	37	37	37	36	36	36	36	36	38	36	36	36	37	38	39	37	36	38				36.9

DAILY SOIL TEMPERATURES

CONTINUED

KENTUCKY
FEBRUARY 1970

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM																																		
(SOD)	20	7PM	40	40	40	39	39	39	39	39	39	39	39	39	39	39	38	38	38	38	39	39	38	38	39	39	40	40	39	39				39.0
	40	7PM	42	42	42	42	42	42	42	42	42	42	42	42	42	42	41	41	41	41	41	41	41	41	41	41	41	42	42	42				41.6
MAYFIELD RADIO WNGO																																		
	4	MAX	-	42	42	41	44	44	-	44	42	42	42	42	41	-	40	43	40	40	45	40	42	42	44	42	42	41	41	43				42.0
		MIN	-	40	40	40	41	42	-	41	40	39	39	40	40	-	39	39	38	39	40	38	40	40	39	40	40	39	38	40				39.6
	20	5PM	-	41	40	42	42	44	-	44	42	41	43	43	42	-	41	42	42	41	42	40	40	40	43	42	41	44	42	41				41.8
PRINCETON 1 SE																																		
	4	MAX	38	40	38	38	35	36	38	41	41	40	40	39	38	37	37	37	39	40	41	40	37	38	42	43	42	42	40	41				39.2
		MIN	38	38	37	35	35	35	36	36	40	39	39	38	37	37	37	36	36	38	40	37	36	37	38	42	42	37	37	40				37.6
	20	5PM	41	41	41	41	40	40	40	40	41	41	41	41	41	41	40	40	40	40	41	41	41	40	41	42	42	42	41	41				40.8
QUICKSAND																																		
	4	MAX	39	45	40	38	36	35	38	38	39	39	38	37	37	39	35	35	37	42	43	40	37	36	44	42	40	41	39	42				39.0
		MIN	35	37	38	36	35	35	35	36	38	38	34	35	34	35	35	35	34	36	40	35	34	34	36	36	39	34	34	35				35.6
	20	4PM	39	40	40	39	39	38	38	38	39	39	39	39	38	39	38	37	37	38	39	39	38	37	37	38	39	39	38	38				38.4
SANDY HOOK 5 W																																		
	4	MAX	-	38	37	37	34	34	34	36	36	36	35	35	34	34	-	34	36	-	-	-	-	-	40	41	-	40	37	39				36.4
		MIN	-	36	37	34	31	32	32	34	36	35	35	34	34	34	-	33	33	-	-	-	-	-	35	37	-	35	35	35				34.4
	20	6PM	-	38	38	38	38	37	37	37	38	38	38	38	37	37	-	36	36	-	-	-	-	-	37	38	-	38	37	38				37.5
SOMERSET 2 N																																		
	1	MAX	43	42	40	39	35	36	38	40	41	41	39	39	42	39	41	41	41	46	44	41	39	39	47	45	41	40	44	46				41.0
		MIN	36	39	39	35	35	32	36	36	39	38	37	36	34	35	35	37	37	37	40	34	32	34	39	37	40	33	34	36				36.1
	4	MAX	43	42	41	40	36	37	37	39	41	41	39	39	41	39	40	40	40	44	43	41	40	38	46	45	42	40	42	44				40.7
		MIN	38	40	39	36	35	36	36	36	39	38	38	37	36	36	36	38	38	38	41	36	34	36	38	38	40	34	35	37				37.1
	20	6PM	43	43	43	42	42	42	41	42	42	42	42	42	42	42	41	41	41	42	42	42	41	41	42	42	42	42	42	42				41.9
WILLIAMSTOWN 3 NW																																		
	4	MAX	37	38	38	37	38	37	36	36	37	37	37	37	37	37	37	37	37	38	38	38	37	37	40	40	39	39	37	38				37.5
		MIN	37	37	37	37	37	36	36	36	36	37	37	37	37	37	37	37	37	36	38	37	37	37	36	39	39	37	37	36				36.9
	20	6PM	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38				38.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
ADDISON DAM 45	0034	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE M. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES M. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C MJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		M	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		M	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C M	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. HORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK M. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		M	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE M. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		C G	WILLIAM M. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C M	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14 R	3741	04	LEE	4	37 33	83 46	663	4P	7A		C M	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	820	8P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	946	MID	MID		C MJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 35	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 28	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 08	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4940	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C MJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 15	87 25	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 08	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREPLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 45	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	780				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAHLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	820	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTHILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT R	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	62[illegible]		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	84[illegible]				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	63[illegible]		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	98[illegible]	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOTT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	5	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8440	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	85 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
NEW STATION												
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A			CLARENCE SPARROW

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

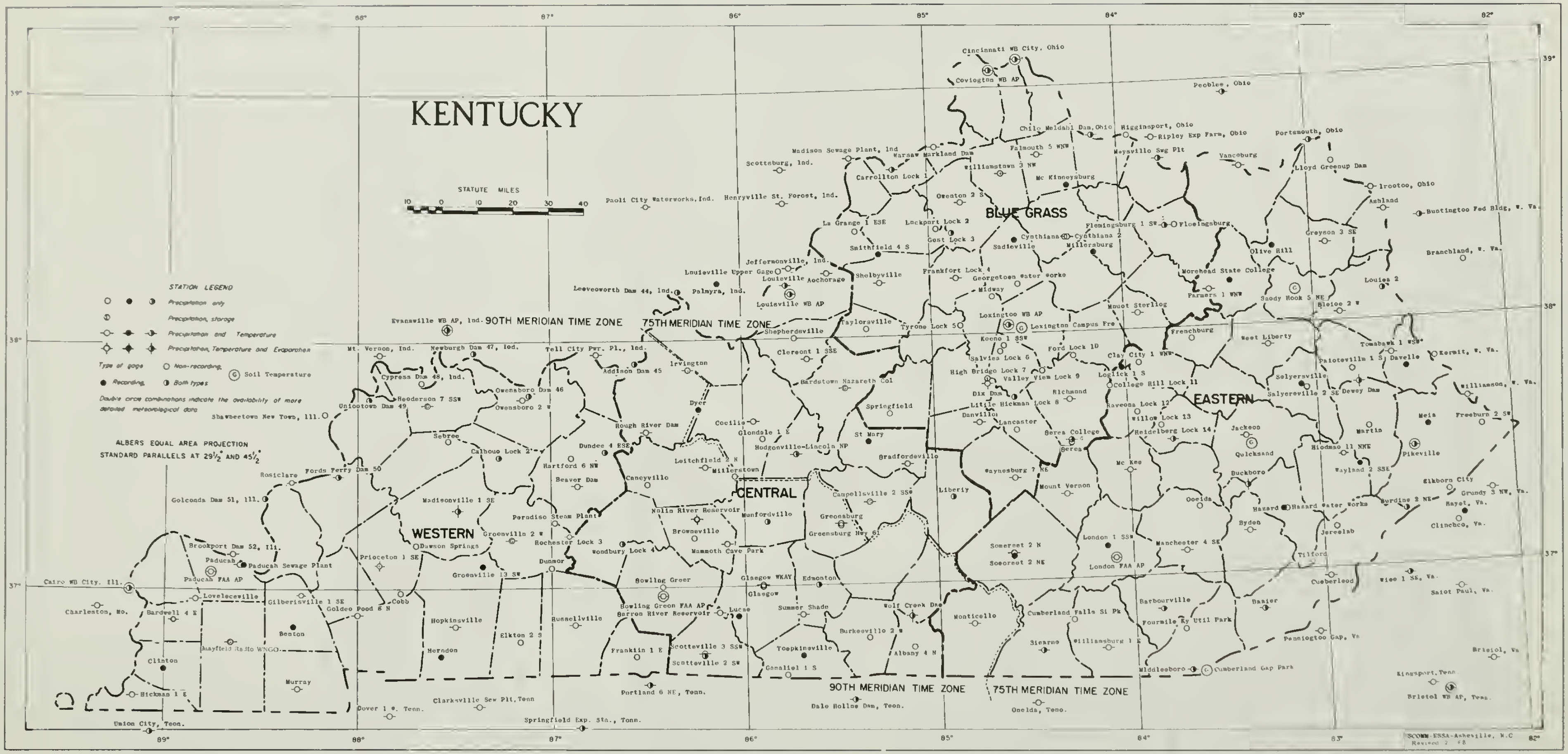
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-4/3/70-870


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording
● Recording ◑ Both types
Ⓖ Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind
Scottsburg, Ind.
Warsaw Markland Dam
Falmouth 5 WNW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Williamstown 3 NW
Carrollton Lock 1
Owenton 2 S
Mc Kinneysburg
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Greyson 3 SE
Branchland, W. Va.
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 5 NE
Louisa 2
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WB AP
Evansville WB AP, Ind.
Taylorsville
Tyrone Lock 5
Lexington WB AP
Lexington Campus Fre
Mount Sterling
Frenchburg
West Liberty
Shepherdsville
Keene 1 SSW
Ford Lock 10
Clay City 1 WNW
Tomahawk 1 WSW
Kermit, W. Va.
Paintsville 1 S
Davella
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Clermont 1 SSE
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Logical 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Cypress Dam 48, Ind.
Henderson 7 SSW
Owensboro Dam 46
Owensboro 2 W
Bardstown Nazareth Col
Dix Dam
Little Hickman Lock 8
Richmond
Ravenna Lock 12
Uniontown Dam 49
Shawneetown New Town, Ill.
Dyer
Springfield
Danville
Lancaster
Willow Lock 13
Martin
Meta
Freeburn 2 SW
Sebree
Calhoun Lock 2
Rough River Dam
Cecilia
Glendale 1 E
Berea College
Berea
Heidelberg Lock 14
Jackson
Hindman 11 NNE
Pikeville
Hartford 6 NW
Dundee 4 ESE
Hodgenville-Lincoln NP
St Mary
Bradfordsville
Quicksand
Wayland 2 SSE
Rosiclare
Fords Ferry Dam 50
Beaver Dam
Caneyville
Leitchfield 2 N
Millerstown
Waynesburg 7 NE
Mc Kee
Buckhorn
Elkhorn City
Grundy 3 NW, Va.
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Campbellsville 2 SSW
Liberty
Mount Vernon
Oneida
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Clintwood, Va.
Greenville 2 W
Brownsville
Greensburg
Greensburg Hwy 61
Bydon
Jeremiah
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Dawson Springs
Rochester Lock 3
Woodbury Lock 4
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
Manchester 4 SE
Tilford
Paducah FAA AP
Princeton 1 SE
Greenville 13 SW
Dunmor
Glasgow WKAY
Glasgow
Edmonton
London FAA AP
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Cairo WB City, Ill.
Charleston, Mo.
Lovelaceville
Bardwell 4 E
Gilbertsville 1 SE
Golden Pond 6 N
Cobb
Hopkinsville
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Fourmile Ky Util Park
Baxter
Pennington Gap, Va.
Mayfield Radio WNGO
Benton
Russellville
Elkton 2 S
Burkesville 2 W
Albany 4 N
Stearns
Williamsburg 1 E
Bristol, Va.
Clinton
Hickman 1 E
Murray
Herndon
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Gamaliel 1 S
Middlesboro
Cumberland Gap Park
Kingsport, Tenn.
Bristol WB AP, Tenn.
Union City, Tenn.
Dover 1 W, Tenn.
Clarksville Sew Plt, Tenn
Springfield Exp. Sta., Tenn.
Portland 6 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
SCOMM-ESSA-Asheville, N.C
Revised 2 68

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

MARCH 1970

Volume 65 No. 3

THE LIBRARY OF THE
MAY 26 1970
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	52.2	35.0	43.6		67	9+	20	16	655	0	0	10	0	7.00		1.87	17	5.5	2	17	10	6	2
BEAVER DAM	54.9	33.6	44.3		70	9	13	16	638	0	0	14	0	3.50		.79	3		3	17	8	2	0
FORDS FERRY DAM 50	49.9	34.5	42.2		67	2	20	16	698	0	0	13	0	5.35	.55	1.50	18	11.5	5	18+	11	4	1
GILBERTSVILLE 1 SE	54.7	35.7	45.2		70	9+	18	16	607	0	0	8	0	6.08		1.75	3	3.0	1	17	10	3	2
GOLDEN POND 8 N	53.3	35.6	44.5		73	10	21	16	631	0	0	7	0					2.0					
GREENVILLE 2 W	54.7	33.7	44.2	- 2.5	70	9	15	16	639	0	0	14	0	4.08	- .92	.69	12	6.0			10	3	0
HENDERSON 7 SSW	51.5	35.0	43.3	- 2.8	68	8	19	16	668	0	0	11	0	5.51	.38	1.55	17	17.5	8	17	10	4	1
HICKMAN 1 E	55.1	37.0	46.1		69	9	21	16	581	0	0	7	0	6.39		2.06	3	3.5	T	17+	10	4	2
HOPKINSVILLE	53.8	34.0	43.9	- 3.0	73	10	19	16	646	0	0	11	0	4.56	- .52	.68	26+	4.0	2	13	11	3	0
LOVELACEVILLE	52.7	34.2	43.5	- 4.3	70	8	18	16	660	0	0	10	0	7.11	1.97	1.90	17	8.5			10	5	3
MADISONVILLE 1 SE	53.5	34.6	44.1		69	9+	17	16	641	0	0	11	0	4.58		.72	26+	11.5	6	17	12	4	0
MAYFIELD RADIO WNGO	55.8	34.7	45.3		72	9+	24	27+	606	0	0	11	0	7.65		2.78	17	4.0	2	17	10	5	2
MURRAY	52.6	35.8	44.2	- 4.2	71	10	19	16	637	0	0	9	0	4.06	- 1.24	.85	3	.8	T	17+	6	4	0
OWENSBORO 2 W	53.7	33.9	43.8	- 2.0	69	8	18	16	652	0	0	14	0	4.76	- .17	.97	3	12.0	8	17	11	4	0
PADUCAH FAA AIRPORT	50.0	34.9	42.5		67	8	21	16	691	0	0	10	0	5.99		1.75	25	7.0	6	17	9	3	3
PADUCAH	52.5	35.0	43.8		69	8	20	16	650	0	0	10	0	7.27	2.42	2.24	17	9.0	6	17	10	5	3
PRINCETON 1 SE	53.5	34.1	43.8	- 3.4	69	9	16	16	648	0	0	12	0	5.01	.02	1.46	3	3.0	0		9	3	1
ROCHESTER LOCK 3	52.6M	33.9M	43.3M		71	10	15	17+	668	0	0		0	3.26		.84	4	3.0	2	17		1	0
RUSSELLVILLE	53.4	34.0	43.7	- 2.7	72	10	14	16	652	0	0	12	0	4.84	- .21	1.46	4				11	4	1
DIVISION			44.0	- 2.9										5.39	.37			6.6					
* * * CENTRAL 02																							
ANCHORAGE	52.0	32.7	42.4	- 1.3	65	8+	15	16	694	0	0	17	0	4.32	- .20	1.20	2	9.0	4	29	11	2	1
BARDSTOWN NAZARETH COL	52.6	33.6	43.1		68	9+	15	16	673	0	0	15	0	4.06		.92	4				10	3	0
BARREN RIVER RESERVOIR	54.5	32.0	43.3		78	10	14	16	666	0	0	15	0	4.04		.80	26	.3	T	13	9	3	0
BERNHEIM FOREST	54.8	31.7	43.3		68	9	11	16	665	0	0	19	0	5.08		1.35	29	5.0	5	29	11	4	1
BOWLING GREEN FAA AP	53.6	34.2	43.9	- 3.5	72	9	17	16	645	0	0	13	0	4.15	- 1.11	.94	3	1.0	1	13	9	2	0
BRADFORDSVILLE	55.4	32.0	43.7		72	4	10	16	653	0	0	17	0	0 3.31		.92	4				8	3	0
CAMPBELLSVILLE 2 SSW	55.9	34.8	45.4		72	9+	15	16	602	0	0	16	0	2.96		1.54	4	3.0			7	1	1
CECILIA	53.2	32.8	43.0	- 1.4	70	9	15	16	674	0	0	17	0	3.64	- 1.14	.60	26	5.0	T	29+	10	3	0
GLASGOW WKAY	54.7	33.6	44.2		70	25+	14	16	636	0	0	15	0	4.32		.70	26	1.6	0		10	3	0
GREENSBURG	54.1	32.9	43.5	- 2.4	72	26+	15	16	662	0	0	16	0	3.44	- 1.80	1.02	4	3.0	1	29+	8	2	1
HODGENVILLE-LINCOLN NP	55.6	33.0	44.3		73	9	12	16	634	0	0	17	0	3.02		.89	4	3.0	1	17	8	3	0
IRVINGTON	53.4	31.9	42.7	- 3.1	67	10+	12	16	685	0	0	19	0	4.45	- .17	.95	2	6.0	1	17	10	2	0
LEITCHFIELD 2 N	53.6	32.7	43.2	- 3.1	72	8	12	16	671	0	0	16	0	4.70	- .37	1.00	13	3.8	2	29+	13	2	1
LOUISVILLE	53.1	35.9	44.5		66	9	22	16+	629	0	0	9	0	4.58		1.14	2	5.0	1	29	11	3	1
LOUISVILLE WB AP R	50.9	33.6	42.3	- 1.0	65	3	17	16	697	0	0	16	0	4.52	- .07	1.06	2	10.7	6	29	10	3	1
MAMMOTH CAVE PARK	55.4	32.6	44.0		72	9	10	16	644	0	0	16	0	4.11		.96	4	3.3	T	29	9	3	0
NOLIN RIVER RESERVOIR	52.6	31.7	42.2		74	10	12	16	702	0	0	20	0	3.49		.82	4	3.0	1	29+	10	2	0
ROUGH RIVER DAM	51.9	31.2	41.6		70	10	13	16	719	0	0	20	0	4.26		1.00	3	4.5	2	29+	12	3	1
SCOTTSVILLE 3 SSW	55.9	35.7	45.8		73	9	18	16	587	0	0	10	0	4.72									
SUMMER SHADE	55.4	34.2	44.8		71	9	14	16	619	0	0	14	0	3.77		.71	4	T	0		10	2	0
WOLF CREEK DAM	55.6	32.3	44.0		73	10	12	17+	646	0	0	14	0	3.13		.70	12				11	1	0
DIVISION			43.6	- 2.3										4.00	- .99			4.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	54.7	33.8	44.3	- 1.9	70	9+	15	16	635	0	1	15	0	2.91	- 1.73	.69	4	4.7	T	29+	10	1	0
CARROLLTON LOCK 1	51.4	32.4	41.9		65	4+	14	16	710	0	0	18	0	4.58	.42	.90	26	10.8	7	29	9	4	0
COVINGTON WB AIRPORT R	47.1	30.9	39.0	- 1.6	63	3	9	16	797	0	2	19	0	4.71	.92	.86	2	12.0	4	13	10	5	0
CYNTHIANA 2	50.1	29.4	39.8		68	4	11	16	779	0	0	23	0	0 4.04		.61	4				11	3	0
DANVILLE	51.3	31.3	41.3		70	10+	16	17+	727	0	0	20	0	3.34	- 1.62	.47	29	3.2	3	29	10	0	0
DIX DAM	54.2	32.8	43.5		70	9	15	16	660	0	1	16	0	3.93		.73	4				10	2	0
FALMOUTH 5 WNW	49.5	28.5	39.0		66	3	8	16	796	0	1	22	0	4.50	- .03	.64	26	8.0	6	29	10	5	0
FARMERS 1 WNW	53.2	32.6	42.9	- 2.0	68	3	12	16	679	0	1	17	0	3.08	- 1.55	.44	5	3.0	3	29	12	0	0
FLEMINGSBURG 1 SW	49.8	31.7	40.8		67	3	14	16	744	0	2	19	0	3.31		.78	2	4.9	2	29	10	2	0
FRANKFORT LOCK 4	50.6	30.6	40.6	- 3.6	68	4	15	17+	747	0	0	20	0	3.63	- .85	.68	4	3.0	3	29	9	3	0
LEXINGTON WB AIRPORT R	48.9	32.0	40.5	- 2.7	67	3	12	16	750	0	2	16	0	4.72	- .03	1.58	4	6.2	4	29	10	3	1
MAYSVILLE SEWAGE PLANT	48.9M	29.4M	39.2M	- 3.9	66	4	16	17+	796	0	1	21	0	5.14	.66	1.29	5				12	3	1
MOUNT STERLING	53.6	32.4	43.0		69	3	16	16	676	0	0	17	0	3.15	- 1.70	.73	4	4.9	4	29	9	1	0
OWENTON	49.3	30.8	40.1		66	4	16	16	768	0	1	19	0	6.54		1.20	4				13	6	1
RICHMOND	51.8	32.3	42.1		72	10	13	16	704	0	0	19	0	3.16		.46	4	3.7	2	29	12	0	0
SHELBYVILLE	48.9	30.2	39.6	- 4.6	66	4	14	17+	783	0	1	21	0	4.78	- .34	.91	2	3.6	3	29	10	4	0
WARSAW MARKLAND DAM	48.3	28.9	38.6	- 4.5	68	4	12	16	813	0	1	22	0	4.70	.30	.99	26	12.0	3	29	10	3	0
WAYNESBURG 7 NE	54.0	33.2	43.6		69	25+	12	16	655	0	1	17	0	2.64		.50	4				10	1	0
WILLIAMSTOWN 3 NW	48.9	31.3	40.1	- 3.0	66	3	13	16	763	0	1	19	0	4.68	.09	.86	4	12.8	2	29	12	2	0
DIVISION			41.0	- 3.6										4.08	- .55			6.6					
* * * EASTERN 04																							
ASHLAND	50.8	29.0	39.9	- 5.5	69	4	11	16	773	0	1	24	0	3.63	- .52	.55	12	5.0			12	2	0
BARBOURVILLE	56.0	30.8	43.4		72	26	14	16	663	0	0	17	0	3.11		.73	5				9	1	0
BAXTER	55.6	29.9	42.8		69	26+	13	17+	681	0	0	21	0	3.53		.66	12		1	15	10	3	0
BLAINE	52.1	26.3	39.2		70	4	8	16	792	0	0	24	0			.75	29	5.5	4	13			0
CUMBERLAND	57.4	32.1	44.8		70	25+	10	16	619	0	0	16	0	4.92		1.13	18	6.0	2	15	10	4	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 31

CLIMATOLOGICAL DATA

KENTUCKY
MARCH 1970

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY DAM	53.4	29.7	41.6		77	10	4	16	722	0	0	19	0	3.16		.83	5	T	T	29+	9	1	0
GRAYSON 5 SE	50.5	27.6	39.1		69	4	8	16	799	0	0	22	0	3.45		.63	12	5.0	3	29	10	1	0
HEIOELBERG LOCK 14 R	57.5	32.5	45.0		71	26+	10	16	613	0	0	15	0	2.65	- 2.06	.59	12	.5	1	29	11	1	0
HINOMAN 11 NNE	54.9	30.9	42.9		72	26	12	16	675	0	0	15	0	2.81		.58	13	2.5	1	16	11	1	0
HYDEN	55.3M	29.8M	42.6M		70	26+	11	17+	687	0	0	19	0	3.54		.86	5				11	2	0
JACKSON	55.7	32.0	43.9		73	26+	14	17+	648	0	0	15	0	3.35		.65	5				13	1	0
LONDON FAA AP	54.6	32.9	43.8		70	25+	10	16	654	0	1	16	0	2.88		.52	26	3.8	T	29+	9	2	0
MANCHESTER 4 SE	57.9	32.7	45.3		71	25	10	16	603	0	0	15	0	2.94		.48	12	.5	1	16	11	0	0
MC KEE	52.7	28.3	40.5		70	10	8	17+	752	0	2	23	0	3.59		.58	29	3.5	2	29	12	2	0
MIDOLESBORO	55.5	31.7	43.6		71	10	13	17+	654	0	0	16	0	3.17		.60	12				8	2	0
MONTICELLO	57.5	33.8	45.7		74	25	13	16	592	0	0	14	0	3.04		.64	4				10	1	0
MOUNT VERNON	56.1	33.3	44.7		71	26+	10	16	621	0	1	13	0	3.63		1.02	4				10	2	1
PIKEVILLE	58.8	35.3	47.1		75	25	15	16	547	0	0	12	0	2.99	- 1.53	.97	12	T	T	17+	10	1	0
SOMERSET 2 N	54.7	31.3	43.0		69	25	12	16	674	0	0	17	0	2.25		.36	26	.6	1	17	10	0	0
STEARNS	55.3	31.2	43.3		72	3	14	16	667	0	1	19	0	3.04		.56	12				10	2	0
TOMAHAWK 1 WSW	52.9M	28.0M	40.5M		71	26+	11	17+	753	0	0		0	4.82		1.06	5	T	T	29+	12	4	1
VANCEBURG	52.3	29.8	41.1		69	3	6	16	731	0	1	20	0	D 3.88	- .59	.62	4	8.0			12	2	0
WEST LIBERTY	51.8	28.8	40.3		70	10	11	17+	758	0	1	20	0	3.43		.61	29		2	29	10	2	0
WILLIAMSBURG 1 E	60.0	33.7	46.9	- .8	73	9	14	16	556	0	0	13	0	2.51	- 2.28	.45	12				8	0	0
DIVISION			43.0	- 3.3										3.32	- 1.38			2.9					

EXTREMES

HIGHEST TEMPERATURE BARREN RIVER RESERVOIR	78	DATE	10
LOWEST TEMPERATURE OEWEY DAM	4	DATE	16
GREATEST TOTAL PRECIPITATION MAYFIELD RADIO WNGO	7.65		
LEAST TOTAL PRECIPITATION BUROINE 2 NE	1.89		
GREATEST 1 DAY PRECIPITATION MAYFIELD RADIO WNGO	2.78	DATE	17
GREATEST TOTAL SNOWFALL HENDERSON 7 SSW	17.5		
GREATEST DEPTH OF SNOW SEBREE	10	DATE	17

KENTUCKY - MARCH 1970

SPECIAL WEATHER SUMMARY

March was mostly cloudy, mostly on the cool to cold side, and snowy over much of the State. Measurable precipitation fell on 13 to at least 20 days, depending on location. Precipitation was heavy over parts of the west, moderate or light over most other areas. There were at least 2 to 3 days with freezing rain in some areas. Thunderstorms were observed on 4 to 5 days in one or more areas, and on the 25th a funnel cloud aloft was reported over Ballard County in western Kentucky.

March snowfall totals were light in parts of the east, traces only being reported at a number of locations. But totals were very heavy over parts over the extreme western and northern counties along and some distance south of the Ohio River from the northern Blue Grass to the western river counties. In this area totals ranged from 10 to almost 18 inches (17.5 inches at Henderson). Most of the snow came: on the 16th-17th, when from 5 to 13 inches fell on parts of the west; and on the 29th, Easter Sunday, when from 1 to 8 inches fell on the northern two-thirds of the Commonwealth. The 24-hour total of 13.0 inches on the 17th at Henderson was a record 24-hour fall for that location, and one of the greater 24-hour falls of Kentucky record. In some locations in the north the Easter snowfall was one of the heavier snowfalls so late in the season. These snows caused a great deal of inconvenience and closed some schools and business establishments, but melted rather quickly.

The March snows continued the snowy weather of the 1969-1970 season. In parts of the west some locations had November-March totals from 3 to 4 times long-period averages, and a number of areas over the State recorded totals from 1 to 2 times average amounts.

Thunderstorms were numerous on the night of the 25th with strong, gusty winds over the greater part of the State. However, no reports of injuries were received, and reports of damage from widely scattered locations indicated mostly minor property damage.

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Note: The foregoing narrative highlights several noteworthy weather events and was completed before weather data processing for the publication was completed. For further details see the accompanying tables. See also this month's issue of STORM DATA for additional details concerning the storms noted above and other storms.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	7.00	.60	T	1.70	.01							T	.65	.05	T	.05	T	1.87	.10	.12	T	T	.14		.02	.70	.64			.25	.05	.05
BEAVER DAM	3.50	T	.36	.79	.30								.34	.06				.61	.12		T		.08		.02	.03	.37			.42		
CALHOUN LOCK 2	4.76	T	.11	.08	1.05	.04							.26	.32		T		.19	.74	T	.04		.17	.07	.10	.12	.92	T		.55		T
COBB	4.64		.23	.43	1.10	T							.30	.37				.22	.62				.12			.38	.50			.37		
DAWSON SPRINGS	5.02	.26	.80	.44									.44	.30				.57	.80			T	T	T	.27	.60				.54		T
DUNDEE 4 ESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNMOR	2.11		.03	.05	.12	.02							.18	.10		T		.20	.54				T	T		.02	.35			.45		.05
ELKTON 2 S	4.07		.20	.07	1.20	.12						T	.35	.05		T		T	.54		.09		.14	.05	.02	.36	.46	.02		.32	.08	T
FORDS FERRY DAM 50	5.35	T	.25	.48	.60	.02							.22	.21		T		.56	1.50		T		.12	.03	.05	.17	.93	T		.15		.06
FRANKLIN 1 E	3.63			.05	.88	.04							.47	.08				.02	.47		.18		.14	.02	.04	.27	.48			.47		.02
GILBERTSVILLE 1 SE	6.08	.35	.08	1.75	T								.46	.07	T			1.47	.12	.10			.14	T	T	.43	.73			.36	.02	
GOLDEN POND 8 N	-	T	.45	-	-								.30	.10				0 .05	.40		.03		.13	.13	.03	.40	.69	.02	.31	.31	.01	.03
GREENVILLE 2 W	4.08		.28	.45	.24								.69	.09				.65	.26		.05		.17		.05	.20	.55			.40		
HARTFORD 6 NW	3.73		.09	.46	.56	.01							.31	.22		T	T	.62	.39		.03		.14	T	.06	.10	.12	T		.62	T	T
HENDERSON 7 SSW	5.51	.12	.22	.81	.05	T							.67	.04	T			1.55	.18	T	T		.10	.02	.04	.92	.46			.30	.02	.01
HICKMAN 1 E	6.39	.09	T	2.06	.10							T	.80	.10	T	T		1.38	.15	.40	T	T	.07	T		.22	.60		T	.32	.05	.05
HOPKINSVILLE	4.56	T	.27	.33	.62	.06							.47	.15		T		.13	.68		.07		.12	.02	.02	.49	.68			.40		.05
LOVELACEVILLE	7.11	.35		1.40									.80	.11				1.90	.10				.17			1.33	.55			.36	.04	
MADISONVILLE 1 SE	4.58		.25	.36	.57								.34	.25				.72	.59		.10		.11			.11	.72			.46		
MAYFIELD RADIO WNGO	7.65	.11	T	1.88	.10								.12	.80	T	T		2.78		.12						.84	.72				.02	.16
MURRAY	4.06	.02	.04	.85	.69	.02							.06	.08		T		.08	.78	.04	.07		.09			.40	.63			.18		.03
OWENSBORO 2 W	4.76		.13	.97	.20	.15							.42	.31	T			.92					.13	T	.03	.68	.52			.30		
OWENSBORO DAM 46	5.03	T	.12	.45	.78	.12							.34	.36	T	T	T	.07	.97		.02		.18	.02	.02	.15	1.15			.26	T	.02
PADUCAH FAA AIRPORT	5.99	.29	T	1.14	T							.19	.39		T		.15	1.25		.09		.08	.08	T	.36	1.79	T		.20	.02	T	
PADUCAH	7.27	.24		1.42									.90					2.24	.13	.10			.12			1.38	.50			.24	T	
PARADISE STEAM PLANT R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCETON 1 SE	5.01	.40	.04	1.46	.02								.44	.05	T			.73	.17	.03	T		.15			.36	.70			.46		
ROCHESTER LOCK 3	3.26		.42	.07	.84	.08							.13	.17				.22	.35	T	.04		*	.13	.03	.13	.34			.29		.02
RUSSELLVILLE	4.84		.22	.15	1.46	.04							.41	.10			T	.07	.55		.13		.12	.04	T	.35	.56			.59		.05
SEBREE	6.92	.46	.46	.46	.02								T	1.64				.50	1.32		.05		.13		.12	.14	1.19			.43		
UNIONTOWN DAM 49 //	5.90		.25	.62	.52	.07							.30	.30	.05	T		.30	1.20		.03		T	T	.08	.60	1.35	T		T		.23
• • • CENTRAL 02																																
ADDISON DAM 45 //	5.64		.32	.68	1.42	.10							.10	.26		T		.02	.82	T	.03		.14	.11	.02	.28	.85			.45	T	.04
ALBANY 4 N	3.31		.14		.74	.12							.57	.06				.04	.23		.14		.20	.05	.09	.11	.44			.38		
ANCHORAGE	4.32	T	1.20	.15	.44	.06					.01		.23	.02	T	T		.16	.18		.04		.22	.16		.58	.39	T		.44		.04
BARDSTOWN NAZARETH COL	4.06	.01	.84	.13	.92	.01							.38	.01	.01	.01	T	.13	.12				.22	.03	.01	.28	.62	.01		.25	.02	.05
BARREN RIVER RESERVOIR	4.04	T	.42	T	.63	.05							.57	.06		T		.02	.36		.11		.20	.05	.05	.22	.80			.45		.05
BERNHEIM FOREST	5.08	T	.99	.20	.55						T		.31	.11	T	T		.07	.29		.15		.15	.01		.26	.61			1.35		.03
BOWLING GREEN	4.70		.40	.10	1.10	.04							.62	.20				T	.38		.05		.10	.12	.05	.32	.72			.50		
BOWLING GREEN FAA AP	4.15	.25	.03	.94	.07	T						.13	.49	T	.02	T	T	.35	T	.08	T	.02	.14	.03	.05	.78	.17		.08	.48	.03	.01
BRADFORDSVILLE	D 3.31		.22		.92								.34						.51				.20		.05	.23	.54			0 .30		
BROWNSVILLE	3.61		.27	.01	.98	.04							.34	.08	T	T		.12	.22	T	.07		.08	T	T	.12	.69	T		.47		.12
BURKESVILLE 2 W	3.46				.72	.20							.56	T					.31		.24		.23		.17		.55			.48		
CAMPBELLSVILLE 2 SSW	2.96		.16	T	1.54	T							.30	T	T	T		T	.38	T	T	T	T	.01	.10	.15				.28		.04
CANEYVILLE	3.46		.17	.23	.97								.12	.09				.38	.24		.08		.21	.05	T	.10	.33			.49		
CECILIA	3.64	T	.51	.41	.52								.32	.04	T	T		.27	.25		.01		.11	T	T	.18	.60			.42		
EDMONTON	3.84		.68		.67	.16							.40	.05					.42		.10		.10	.05		.15	.56			.40		.10
GAMALIEL 1 S	3.26	T	.04	T	.65	.10	T					T	.47	.06	T	.02	T	T	.32	T	.19	T	.23	.08	.07	.07	.52	T		.44		T
GLASGOW	4.29		.58		.89	.01							.51	T		T	T	T	.50		.12		.18	.14	.06	.20	.60			.50		
GLASGOW WKAY	4.32	.03	.45	.27	.64								.54	.06		T		.08	.38	.03	.09	T	.21	.13	.03	.18	.70			.45		.05
GLENDALE 1 E	4.01		.30	.40	.82	.05						T	.38	.11		T		.12	.18		T		.15		T	.12	.78			.25	.30	.05
GREENSBURG	3.44	T	.20	T	1.02	.04							.33	.05	T	T	T	.18	.35		.05		.09	T	T	.11	.57			.40	T	.05
GREENSBURG HIWAY 61	3.88	T	.22		1.12	.18							.45	.19		T		.07	.42		.04		.08	T	.03	.12	.49			.42		.05
HODGENVILLE-LINCOLN NP	3.02		T	.50	.89	T							.37	.05	T	T		.20	.16				.03		T	.12	.58			.10	T	
IRVINGTON	4.45		.95	.46	.48	.01	.01						.23	.07				.28	.43	.05			.12	.05		.41	.23			.64		.03
LEITCHFIELD 2 N	4.70		.12	.39	.80	.06						T	.14	1.00	T			.24	.20		.06		.30	.34	.02	.14	.43	T		.31	.13	.02
LIBERTY	3.40		.19		.80	.18							.42	.07			.04	.11	.31		.10		.14		.13	.20	.34			.32		.05
LOUISVILLE	4.58	T	1.14	.30	.44						T		.25	.10	T	T		.08	.40		T		.20	.11	T	.60	.23	T		.73		T
LOUISVILLE WB AP R	4.52	.20	1.06	.46	.11						T		.25	.01	T	T		.39	.02	.01	.01		.26	.03	T	.63	.27		.02	.74	.04	.01
LOUISVILLE UPPER GAGE	5.14		.65	.67	.76	.25						T	.10	.40	.01			T	.38	T	.05		.14	.07	.08	T	.99	T		.57	T	.02
MAMMOTH CAVE PARK	4.11	T	.32	.03	.96	.08					T		.46	.15				.13	.27	T	.09		.16	T	.05	.03	.66	T		.69		.03
MILLERSTOWN	4.86	.12	.42	.68	.76	.16							.45	.14		T		.14	.35				.13	.03	.04	.08	.74			.55		.07
MUNFORDVILLE	3.95		.30	T	.80	.20							.50	.10	T	T		.05	.50		.15		.10	.10	.10		.65			.25		.15
NOLIN RIVER RESERVOIR	3.49		.32	T	.82	.04							.27	.13				.20	.19		.06		.11	.02	.04	.06	.76			.34	T	.13
ROUGH RIVER DAM	4.26	T	.23	1.00	.85	T							.10	.17	T	T	T	.30	.35		.10		.15	T	.05	.12	.24			.60		T
SCOTTSVILLE 3 SSW	4.72	.03	*	.42	.67	.18							.36	.07	T	T		.05	.69		.15		.28	.04	.11	*	1.25			.42		
SCOTTSVILLE 2 SW	4.30		.10	T	.70	.10							.60	.05		.05			.50		.20		.20	T	.10	.40	.80			.50		
SHEPHERDSVILLE	-	T	1.05	.82	.62								.19	T	.05	T			T	T			.15	.05	T	-	-			.68	T	.05
SUMMER SHADE	3.77	T		.45	.71	.02							.37	.05		T		.03	.35	.08	.11		.15	.10	.05	.23	.58			.46	.03	
WOLF CREEK DAM	3.13		.29		.42	.17							.70	T					.24		.15		.17	.11	.06	.10	.42			.30		
WOODBURY LOCK 4	4.07		.28	.08	1.02	.06							.27	.12				.16	.30		.05		.15	.07	.02	.19	.48	T		.60	.12	.10
• • • BLUE GRASS 03																																
BEREA COLLEGE	2.91	T	.21		.69								.36	.02	.01	.03		.01	.10		.06		.16	.12	.02	.21	.36			.43		.12
BEREA	2.84		.22	T	.53	.23							.22	.11	T	.02	.01		.12		.05	.01	.08	.08	.06	.21	.35	.04		.39	T	.11
CARROLLTON LOCK 1	4.58		.47	.63	.32	.25						T	.05	.52	T		T		.48	.02	.01		.14	.07	T		.90			.70		.02
COVINGTON WB AIRPORT R	4.71	.02	.86	.15	.74	T					.01	T	.51	.01	.01	.06		.62	.10	T	.03	T	.25		T	.69	.35			.30	T	T
CYNTHIANA	3.64		.31	.61	.49	.36						T	.28	.23	T	T	.04		.18		.02		.16	.07	.06		.33	T		.36	T	.14
CYNTHIANA 2	D 4.04		.36	.56	.61	.26							.41	.05					.27				.15			.15	.36			.31		.55
DANVILLE	3.34		.31	T	.46	.22							.45	.09	T	T	T		.40		.04		.16	.03	T	.23	.35			.47	T	.13
DIX DAM	3.93		.35		.73	.30							.54	.05			.01	T	.47		.05	.21			.07	.28	.40			.35	.01	.11
FALMOUTH 5 WNW	4.90		.33	.57	.41	.56						T	.03	.54		T	.03		.41		.08		.12	.09			.64		T	.57	T	.12
FARMERS 1 WNW	3.08		.22	.14	.42	.44						T	.33	.14	T	T	T		.09	.03	.02		.11	.19	.10	T	.26	.02		.43	T	.14
FLEMINGSBURG	3.56	T	.39	.47	.58	.25							.28	.18		T	.07		.25	.01	.05		.11	.03	.06		.21	T		.48	.02	.12
FLEMINGSBURG 1 SW	3.31		.78	.13	.77								.28	.18	T	.07			.22	T	.03		.16	.06	T	.06	.15			.30		.12
FORD LOCK 10	2.76		.40	T	.27	.40						T	.22	.13	T	T	T		.23	T	T	T	.10	.08	T	.12	.36	T		.36	.03	.06
FRANKFORT LOCK 4	3.63		.57	.63	.68	.21							.15	.21	T	T	T		.21		.03		.09	.04	.04	T	.35	T		.34	T	.08
GEORGETOWN WATER WORKS	4.19		.49	.57	.78	.38							.27	.20				.02	.18		.04	T	.30		.12	T	.34			.40		.10
GEST LOCK 3	4.21		.66	.46	.78	.11							.14	.02	T	T	.03		.35	T	.02		.16	.07	.13		.73			.44	T	.11
HIGH BRIDGE LOCK 7	3.94	T	.34	.06	.65	.40						T	.43	.20		T	T	T	.42		.04		.15	.06	.03	.20	.49			.35	T	.12
KEENE 1 SSW	5.16		.34		2.20								.52	.12			T	.03	.32	.07				.32	.18	.22	.40			.41		.03
LA GRANGE 1 ESE	5.39	T	1.25	.11	.63	T		.01			.03	.01	.25	.15	T	.26	.01	.28	.07	.01	.03	T	.21	.11	T	.74	.40	.01		.78		.04
LANCASTER	3.27		.42		.52								.46	.13					.36		.05	*	*	.23	.05	.25	.32			.37		.11
LEXINGTON WB AIRPORT R	4.72	.22	.55	.17	1.58	T					T		.57	.04	T	.03		.11	.03	T	.03	T	.24	.07	.01	.18	.33		T	.41	.06	.09
LITTLE HICKMAN LOCK 8	3.49		.39	T	.44	.14							.41	.12			T		.36		.05		.36	.06		.26	.41	T		.37		.12
LOCKPORT LOCK 2	4.71		.61	.56	.74	.20							.13	.33	T		.03		.43	.03	T		.12	.07	.10		.89			.39		.08
MAYSVILLE SEWAGE PLANT	5.14		.36	.44	.36	1.29						T	.30	.34	T	T	T		.36	.02	.08		.12	.13	T		.21	T		.50	T	.63
MIDWAY	3.80		.48	.53	.77								.41	T					.38				.12	.03		T	.55			.40		.11
MOUNT STERLING	3.15	T	.48	T	.73						T		.18	.07	T	.07	.07		.26		T		.15	.18		.24	.23			.40		.09
OWENTON	6.54		.53	.71	1.20	.69	T					T	.13	.46	T	T	.10	T	.43	.20	T	.09	.15	T			.78			.70		.37
RICHMOND	3.16	T	.21	.02	.46	.19						T	.25	.19	T	T	.10		.21		.07		.15	.03	.07	.24	.36	.03		.45		.13
SALVISA LOCK 6	5.00	T	.69	.17	.84	.72						T	.33	.21	.04	T	.03		.22	T	.05	T	.14	.07	.07	.22	.46			.51	.07	.16
SHELBYVILLE	4.78		.91	.72	.80	.10						T	.14	.23	T	T	T		.35		.02		.15	.06	.07	.01	.68			.48	T	.06
SPRINGFIELD	3.63		.29		.96	.17							.23	.10			T		.25				.12			.29	.53			.56		.13
TAYLORSVILLE	4.37		.57	.80	.80	.06							.20	.15	.03	T	T		.22		.06		.15	.07	.05	.28	.48	T		.38	T	.07
TYRONE LOCK 5	3.73		.42	.35	.74	.50	T					T	.18	.25	.01	T	T		.24		.06		.06	.05	.03	.04	.47			.23	T	.10
VALLEY VIEW LOCK 9	3.07		.47	.02	.37	.42						T	.22	.11	T	T	T		.29	T	.03	T	.12	.05	.02	.14	.34	.01		.39	.01	.06
WARSAW MARKLAND DAM	4.70		.20	.95	.45	.35	.07						.11	.47	T	T	T		.52	.02	.03		.07	.13	.02		.99	.01		.33	T	.03

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.64		.15	T	.50							T	.26	.10			.05		.23		.10			.11		.29	.33			.45		.07
WILLIAMSTOWN 3 NW	4.68	T	.70	.26	.86	.21	.01				.04	.01	.38	.14	T	.03	T	T	.44				.38	T	T	.37	.30	T	.01	.41	T	.13
• • •																																
EASTERN 04																																
ASHLAND	3.63		.16	.19	.30	.53							.55	.45	.09		T		.08		.06	.15	T	.14	.04			.21		.31	.15	.22
BARBOURVILLE	3.11		.06		.09	.73	T					T	.37	.22		.02	.01	.03	.17		.08		.23	T	.07	.06	.42	.16		.27		.12
BAXTER	3.53		.05		.21	.50	T					T	.66	.63	T	.02	.06	T	.11		.02	T	.30	T	.19	.05	.20	.11		.42		T
BLAINE	-		.21	.16		.53							-	.49			D .05		.27		.06		.14	.09	.08		.15			.75		.27
BUCKHORN	2.80		.11	T	.15	.55	T						.50	.16	T	T	.07		.17	T	T	T	.15	.05	.08	.17	.13	.15		.24	.03	.09
BURDINE 2 NE	1.89		.10			.10							.10	.15	.05		.30		.10					.10		.29				.45		.15
CLAY CITY 1 WNW	3.37		.35	.10	.45	.40							.25	.17					.10		T	T	.20	.15	.10	.30	.30			.35		.15
COLLEGE HILL LOCK 11	2.24		.28	T	.39	.17							.15	.11	T	T	.01		.08	T	T	T	.09	.03	.05	.16	.25	T		.33	T	.14
CUMBERLAND	4.92		.06	T	.55	.35							.94	.13	.14	.15		.03	1.13	T	T	.03	.28	.08	.04		.43			.51	T	.07
CUMBERLAND FALLS ST PK	2.45	.20			.24	.07						.03	.50	.11			.15	.12			.05		.16	.07	.02		.38		.34	.01		
DEWEY DAM	3.16		.10	T	.07	.83							.46	.45	T	.02	.04		.17		T	T	.10		.05	T	.08	.17		.30	.08	.24
ELKHORN CITY	2.25	T	.06	.02	.15							.03	.23	.19	T	.06	.09	T	.08		T	.04	.24	.12	.16	.11	.02	.14	T	.38	.03	.10
FISHTRAP RESERVOIR	2.77		.10	.03	T	.44	T					.05	.41	.30	.06	T	.04		.14			.07	.20	.03	.12	.05	T	.08		.46	T	.19
FREEBURN 2 SW	2.87		.09	*	.48	.10						T	.25	.45	.02	.01	.07		.18			.25	.05		.08	.02		.20		.43	.02	.17
FRENCHBURG	4.57		*	.40	*	*	*	*	*	*	•	*	1.40	.16			T		*	*	.20		T	.30	.15	.48	*	*	*	1.25		.23
GRAYSON 5 SE	3.45		.21	.18	.04	.44						.03	.63	.34		T	.06		.08		.03	.02	.21	.11	.02		.05	.17		.48	.03	.32
GRAYSON RESERVOIR	2.71		*	.30	.09	.42						.02	.45	.18	T	T	.05		.08	.02	.04		.22	.06	.03			.14		.31	.04	.26
HAZARD WATER WORKS	3.74		.07		.05	.81							.70	.64			.07		.06				.28	.01	.13	.14	.15	.25		.25		.13
HEIDELBERG LOCK 14 R	2.65		.18	T	.15	.28							.59	.07	T	T	.05		.18		T		.10	.06	.13	.11	.16	T		.38	.06	.15
HINDMAN 11 NNE	2.81		.12		.10	.11							.45	.58		T	.20		.05				.17	.05	.18		.21			.44		.15
HYDEN	3.54		.17	T	.08	.86							.66	.31	T	T	.07		.12		.03	T	.21	.02	.11	.08	.30	.11		.30	T	.11
JACKSON	3.35		.27		.11	.65							.40	.28			.06		.21				.13	.07	.16	.15	.17	.13		.32	T	.24
JEREMIAH	3.48		.11		.51	.36	T					.03	.83	.11	.01	.03		.01	.08		.05		.34	.16	.08	.05	.18	T		.43		.11
LLOYD GREENUP DAM	3.17		.32	.18	.11	.42						T	.33	.42	.05	T	T		.19		.03		.10	.21	T	T	.02	.02		.10	.50	.17
LONDON FAA AP	2.88	.19	.01	T	.51	T						.06	.40	.04	T	.25		.05	.19	T	.06	.05	.13	.11	.04	.04	.52			.18	.02	.03
LOUISA 2	2.88		.14	.07	.03	.37					T		.35	.55	T	T			.17		.02	.02	.10	.07	.03		.10	.14		.28	.14	.30
MANCHESTER 4 SE	2.94		.18		.30	.42							.48	.14			.05		.22			T		.25		.17	.34			.26		.13
MARTIN	4.29		.12	.25		1.53							.40	.45		.15	.12							.30	.33			.12		.35	.02	.15
MC KEE	3.59		.21		.52	.31							.39	.18	T	.01	.04		.21		.07	T	.12	.08	.15	.23	.35	.01		.58	T	.13
MIDDLESBORO	3.17		.03		.20	.40	T					.06	.60	.22	T	T	.04		.28	T	.04	T	.19	T	.09	.05	.40	.02		.55		T
MONTICELLO	3.04		.17		.64	.14							.40	.05				.08	.29		.14		.16	T	.05	.11	.47			.34		
MOUNT VERNON	3.63	T	.36		1.02								.31	.03		.05		.07	.26	T	.15		.15	.09	.06	.15	.33			.50		.10
ONEIDA	2.83		.13		.23	.48							.43	.10					.22		.03				.10	.15	.25	.10		.48		.13
PAINTSVILLE 1 S	2.90		T	T	.10	.58							.50	.40		T			.20					.10	T	.10	.22			.40		.30
PIKEVILLE	2.99	T	.14		.39	.16						.03	.97	.14	T	.09	T				.03		.25	.11	.01	T	.12	T		.37	.02	.16
PINEVILLE 4 NW	3.04		.04		.11	.29							.54	.12		.03		.04	.16		.11	.02	.24	.02	.30	.08	.36			.40		.18
RAVENNA LOCK 12	2.49		.27		.35	.32						T	.18	.07	T	T	T		.08		T		.06	.09	.02	.14	.32			.39		.20
SALYERSVILLE 2 SE	2.37		.10		.05	.52							.45	.10		.08	.12					.10	.12			.08	.05			.39	.11	.10
SOMERSET 2 N	2.25		.14		.32	.10							.17			.01		.15	.24		.13		.14	.02	.09	.08	.36			.23		.07
STEARNS	3.04		.07		.30	.15	T					T	.56	.15	T	.05			.30		.10		.20	.05	.07	.12	.52			.34	.06	
TILFORD	2.85		.05		.53	.16							.95						T		T	.05	.14	.43	.16			.14			T	.24
TOMAHAWK 1 WSW	4.82		.24	.05	.12	1.06	.03					.04	.53	.60	T	T	T		.35		.02			.35	.07		.18	.21		.58	.11	.28
VANCEBURG	D 3.88	.05	.48	.20	.62	.10					.03		.52D	.10		D .25		T	.30		.07		.33			.05	.21			0 .45		.12
WEST LIBERTY	3.43		.28	.06	.28	.28						T	.56	.21	T	T	T		.10		T	T	T	.22	.09	.02	.28	.06		.61	.02	.36
WILLIAMSBURG 1 E	2.51		.04		.12	.44							.45	.03	.05		.03		.19		.14		.20		.09	.06	.30	.03		.34		
WILLOW LOCK 13	2.71		.18	T	.31	.25							.42	.10	T	T	.03		.14		.02		.10	.06	.09	.19	.17	T		.48	T	.17

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	36	0.6	10.1	32++	26	26	72	77	63	64	7	6	5	5	0	0	23	-	8.2
LEXINGTON WB AIRPORT	26	0.3	10.0	29++	25	26	74	81	64	63	6	8	7	2	1	0	24	-	8.5
LOUISVILLE WB AIRPORT	33	1.7	9.6	29	SW	26+	77	83	66	65	4	8	7	2	1	0	22	46	8.3

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	54	65	62	58	53	59	58	67	67	57	45	40	42	39	40	39	38	44	53	49	45	52	46	59	62	62	55	52	46	49	62	52.2
	MIN	47	48	56	42	38	28	30	30	35	42	33	32	28	26	25	20	30	33	37	35	36	35	35	36	45	38	27	34	34	33	38	35.0
BEAVER DAM	MAX	59	66	65	62	47	58	60	68	70	61	49	46	42	39	37	43	40	43	61	60	51	52	46	60	68	66	54	60	54	52	62	54.9
	MIN	46	44	56	46	35	24	26	27	32	35	33	32	28	25	23	13	30	35	38	37	35	36	37	33	43	38	25	29	31	30	40	33.6
FORDS FERRY DAM 50	MAX	56	67	60	58	45	55	59	66	64	50	44	38	40	38	39	40	37	44	52	50	45	52	43	58	62	41	54	51	36	46	58	49.9
	MIN	48	47	50	41	33	29	32	35	41	36	33	31	29	25	25	20	30	34	36	37	35	37	36	34	40	32	29	32	30	31	41	34.5
GILBERTSVILLE 1 SE	MAX	57	66	65	61	48	60	60	70	70	64	50	43	44	40	40	39	38	45	59	57	55	53	50	62	60	60	57	60	51	51	62	54.7
	MIN	47	48	54	45	37	28	32	35	44	43	35	33	27	25	22	18	30	34	38	35	37	35	35	36	44	38	28	38	33	35	37	35.7
GOLDEN POND 8 N	MAX	59	55	66	60	60	46	59	60	70	73	57	41	39	45	41	41	41	45	46	59	57	49	52	47	63	64	47	55	64	39	53	53.3
	MIN	35	47	52	53	37	36	33	34	38	43	35	34	29	26	25	21	29	33	35	38	38	36	37	31	40	38	31	37	33	33	37	35.6
GREENVILLE 2 W	MAX	58	67	65	65	48	56	60	68	70	60	50	45	42	39	37	41	40	44	60	58	45	51	51	60	69	63	54	61	55	52	61	54.7
	MIN	48	42	53	46	35	22	27	32	35	37	34	32	28	25	22	15	30	35	37	36	35	36	37	32	41	38	26	31	31	30	37	33.7
HENDERSON 7 SSW	MAX	55	67	63	55	48	56	60	68	62	51	44	41	40	36	38	42	38	41	55	54	45	54	46	58	61	58	53	54	44	48	60	51.5
	MIN	46	48	54	42	34	31	32	36	44	36	30	30	26	25	26	19	30	33	34	36	33	38	35	34	43	37	32	38	30	33	40	35.0
HICKMAN 1 E	MAX	57	67	65	61	55	60	60	68	69	58	50	41	43	40	42	40	38	44	54	54	49	54	50	64	63	63	66	68	48	52	64	55.1
	MIN	47	50	57	47	41	30	32	33	40	45	36	33	30	34	27	21	31	35	39	37	38	36	38	38	43	40	28	36	34	36	36	37.0
HOPKINSVILLE	MAX	59	54	67	62	62	50	60	60	70	73	61	46	37	45	41	41	39	46	45	59	56	47	51	45	63	70	47	57	63	38	54	53.8
	MIN	35	44	45	53	39	31	33	32	33	37	36	34	29	26	24	19	20	31	38	38	38	36	36	34	34	38	31	31	33	32	34	34.0
LOVELACEVILLE	MAX	54	66	62	58	53	60	59	70	68	54	46	38	44	40	41	41	38	45	54	54	47	52	47	60	60	57	57	52	45	50	63	52.7
	MIN	46	47	58	41	37	27	28	28	33	41	33	33	28	26	22	18	30	33	36	35	35	32	34	34	44	37	26	35	33	33	36	34.2
MADISONVILLE 1 SE	MAX	58	66	64	61	45	56	60	69	69	58	47	44	41	38	37	41	39	44	59	58	48	54	49	58	64	61	54	58	49	50	61	53.5
	MIN	46	42	53	43	34	25	30	34	41	38	32	32	28	25	24	17	30	34	36	36	36	36	36	35	43	38	30	34	30	34	40	34.6
MAYFIELD RADIO WNGO	MAX	58	72	62	62	55	65	58	70	72	67	52	42	46	42	44	43	36	46	56	55	47	49	46	64	60	58	62	65	58	52	67	55.8
	MIN	40	47	55	46	37	26	28	40	28	41	36	32	28	26	27	24	30	33	38	35	37	34	34	36	42	38	24	34	31	33	36	34.7
MURRAY	MAX	59	56	66	58	60	49	59	60	68	71	59	44	36	43	40	41	40	41	45	56	54	46	47	46	62	64	49	56	65	40	52	52.6
	MIN	42	48	55	53	38	29	30	32	42	42	36	34	28	25	23	19	29	32	37	37	38	35	34	35	44	38	37	35	33	34	36	35.8
OWENSBORO 2 W	MAX	55	65	60	58	51	60	59	69	65	57	50	45	41	37	37	44	38	41	58	58	51	54	51	60	63	63	53	59	50	51	61	53.7
	MIN	45	47	52	43	33	30	30	31	38	38	30	32	26	24	24	18	30	34	35	36	38	34	35	33	37	37	29	31	28	31	41	33.9
PADUCAH FAA AIRPORT	MAX	53	65	59	55	52	59	58	67	64	52	41	36	40	38	40	38	37	41	51	48	45	51	45	58	60	47	55	51	36	48	61	50.0
	MIN	48	51	52	41	34	28	33	35	43	37	33	30	28	26	25	21	30	33	36	35	36	35	35	38	43	33	31	33	31	32	37	34.9
PADUCAH	MAX	57	66	64	58	50	59	60	69	58	49	43	43	39	40	40	38	42	52	50	47	53	51	58	58	60	60	54	54	47	49	61	52.5
	MIN	47	47	55	43	37	29	32	31	43	33	32	29	26	24	21	20	33	37	36	36	35	36	36	38	44	38	29	37	33	33	36	35.0
PRINCETON 1 SE	MAX	58	65	64	62	45	58	58	68	69	60	50	43	42	39	37	40	38	45	59	58	48	50	48	59	61	60	55	59	49	49	62	53.5
	MIN	40	48	53	45	35	25	30	32	38	38	33	31	27	24	22	16	29	34	36	35	36	35	36	35	43	37	28	38	31	31	37	34.1
ROCHESTER LOCK 3	MAX		54	67	64	61	46			67	71	55	47	36			37	41	44	46	61			55	44	60	68	44			38	52	52.6
	MIN		40	40	54	39	27			31	33	35	35	29			15	15	31	38	39			39	35	37	39	29			31	34	33.9
RUSSELLVILLE	MAX	60	54	68	64	60	45	59	59	67	72	65	48	39	44	40	39	40	47	45	56	56	46	50	46	61	68	46	57	63	42	49	53.4
	MIN	35	45	50	54	39	26	27	30	37	39	35	35	29	26	24	14	19	32	40	39	38	36	38	35	37	38	26	32	32	33	35	34.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	57	56	65	61	55	56	59	65	63	54	46	45	40	38	33	43	41	47	60	58	49	47	47	52	52	57	53	61	47	46	59	52.0
	MIN	39	46	50	53	37	28	30	31	34	31	26	30	25	21	22	15	28	32	37	40	36	35	34	30	38	36	28	29	27	28	38	32.7
BARDSTOWN NAZARETH COL	MAX	58	57	68	64	53	54	58	65	68	60	47	44	41	36	34	41	39	50	59	59	53	47	46	52	58	61	52	59	47	45	57	52.6
	MIN	39	47	51	53	39	27	30	33	37	31	31	30	29	23	22	15	23	34	37	42	36	34	36	32	38	37	29	29	29	29	39	33.6
BARREN RIVER RESERVOIR	MAX	62	58	70	70	61	45	57	60	68	78	66	49	39	45	39	37	42	48	52	53	56	47	48	47	60	72	45	55	62	50	48	54.5
	MIN	30	44	46	53	40	28	20	26	32	34	35	35	28	25	20	14	15	31	33	41	35	34	36	34	36	40	25	26	32	32	33	32.0
BERNHEIM FOREST	MAX	59	58	67	66	60	56	60	67	68	61	50	47	43	40	34	44	43	51	61	61	50	48	50	54	56	65	54	61	59	47	60	54.8
	MIN	36	41	48	54	38	23	25	28	32	30	30	31	27	22	21	11	30	34	38	41	32	35	32	29	33	37	25	25	30	27	38	31.7
BOWLING GREEN FAA AP	MAX	55	68	65	60	45	57	64	66	72	63	49	39	44	41	37	41	46	47	57	57	44	47	46	62	70	53	56	61	39	46	65	53.6
	MIN	46	40	54	43	34	28	28	31	34	36	35	30	29	27	21	17	31	38	40	40	38	36	36	34	44	30	27	30	33	32	39	34.2
BRADFORDSVILLE	MAX	65	63	69	72	61	51	58	59	67	71	57	48	37	43	34	38	43	53	54	60	56	50	52	58	55	70	50	60	62	44	56	55.4
	MIN	38	46	45	54	39	22	24	25	28	30	33	35	27	24	21	10	28	38	38	41	32	33	34	32	32	38	23	25	30	30	37	32.0
CAMPBELLSVILLE 2 SSW	MAX	60	71	72	64	58	54	58	65	72	69	50	47	42	40	38	43	42	55	60	57	45	47	48	56	71	68	54	64	56	47	61	55.9
	MIN	42	46	56	54	39	27	54	28	32	30	32	31	28	28	28	15	28	39	40	35	36	32	34	33	42	38	25	29	32	30	37	34.8
CECILIA	MAX	57	61	65	59	52	55	59	65	70	64	47	46	40	36	35	42	38	48	59	57	48	50	47	54	65	64	55	60	45	47	59	53.2
	MIN	38	46	51	51	38	26	29	29	31	31	31	31	31	23	21	15	29	35	38	39	34	35	33	31	38	38	25	26	29	29	37	32.8
GLASGOW WKAY	MAX	56	70	70	60	54	57	58	67	70	64	49	45	42	35	35	41	42	54	56	56	50	47	48	58	70	65	54	61	54	46	62	54.7
	MIN	45	43	53	52	40	29	26	28	32	34	33	31	27	24	20	14	29	41	34	40	36	32	35	33	43	38	24	28	31	31	37	33.6
GREENSBURG	MAX	63	59	70	72	61	44	56	60	67	72	59	49	40	45	35	37	45	45	54	59	57	48	50	48	58	72	44	55	64	40	48	54.1
	MIN	28	45	47	54	41	26	28	28	30	32	34	35	29	25	24	15	17	31	42	43	36	34	35	33	34	40	25	28	32	32	36	32.9
HODGENVILLE-LINCOLN NP	MAX	61	64	67	67	60	55	59	66	73	71	51	47	42	40	35	43	41	50	57	58	55	48	49	54	67	67	53	61	59	45	60	55.6
	MIN	41	46	52	53	38	25	28	30	39	31	32	32	27	22	20	12	29	37	38	40	32	34	34	31	41	37	26	29	29	20	37	33.0
IRVINGTON	MAX	59	60	64	64	53	55	54	63	67	67	48	45	40	37	35	42	42	51	60	57	53	47	50	52	55	63	52	56	58	46	59	53.4
	MIN	39	46	57	51	36	24	25	27	31	32	30	31	26	21	20	12	29	32	40	30	34	35	34	29	36	37	24	27	29	28	38	31.9
LEITCHFIELD 2 N	MAX	56	60	65	61	51	56	57	72	71	56	47	46	38	42	36	42	37	44	59	56	46	51	47	56	69	60	53	61	54	49	63	53.6
	MIN	41	41	51	44	39	24	26	28	31	32	32	34	27	24	22	12	29	36	38	39	35	35	33	31	41	37	27	28	30	30	36	32.7
LOUISVILLE	MAX	57	57	65	65	57	55	60	65	66	58	47	47	40	42	34	41	43	47	59	59	47	49	48	52	55	61	51	60	53	47	58	53.1
	MIN	43	48	52	55	38	33	34	37	39	34	29	32	29	22	26	22	30	33	40	43	39	36	37	33	40	37	33	37	29	31	41	35.9
LOUISVILLE WB AP	MAX	58	54	65	60	47	55	58	64	58	45	46	40	39	35	35	42	40	46	60	57	48	49	46	54	62	61	53	59	37	45	59	50.9
	MIN	42	48	51	44	35	30	29	32	35	33	28	30	29	24	20	17	31	36	39	38	38	38	37	31	38	32	30	30	30	29	39	33.6
MAMMOTH CAVE PARK	MAX	58	69	68	59	57	55	58	67	72	67	52	47	42	39	35	42	39	48	58	58	54	50	48	56	70	70	52	62	57	45	62	55.4
	MIN	42	43	57	54	39	22	25	28	33	33	33	32	27	25	20	10	28	37	37	40	32	31	33	28	42	37	24	27	29	29	38	32.6

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
MARCH 1970

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	61	51	68	67	61	44	55	59	68	74	59	48	36	43	36	36	42	47	47	59	56	45	51	46	59	70	45	55	62	37	45	52.6
	MIN	29	45	48	53	39	27	25	26	30	34	29	29	27	25	23	12	19	30	30	39	36	35	39	32	38	39	25	29	29	29	32	31.7
ROUGH RIVER DAM	MAX	61	54	62	63	60	45	58	60	68	70	54	47	35	43	35	36	44	41	43	58	55	48	50	45	55	67	47	54	61	37	52	51.9
	MIN	30	45	46	52	35	25	27	28	31	34	32	32	22	24	22	13	15	29	38	38	35	35	35	32	33	32	27	30	30	29	30	31.2
SCOTTSVILLE 3 SSW	MAX	58	72	72	59	57	55	58	67	73	64	54	48	42	40	39	38	49	49	56	55	50	48	45	59	72	67	54	62	58	49	64	55.9
	MIN	47	47	55	54	39	32	31	38	39	37	35	33	28	25	21	18	31	38	35	39	36	34	35	33	43	38	29	35	32	31	38	35.7
SUMMER SHADE	MAX	58	70	70	60	53	57	59	60	71	65	50	46	42	37	35	41	45	55	57	57	49	45	47	59	70	63	55	62	53	55	64	55.4
	MIN	45	46	48	53	40	30	27	29	34	36	35	32	28	25	20	14	31	42	33	40	35	33	35	31	43	39	25	29	32	32	38	34.2
WOLF CREEK DAM	MAX	61	60	70	70	62	45	60	60	68	73	69	54	42	44	39	33	45	46	59	58	58	55	46	49	58	72	44	56	64	44	60	55.6
	MIN	33	45	45	48	42	26	24	25	28	34	36	38	30	27	25	12	12	29	32	44	36	36	30	34	34	42	25	26	34	34	34	32.3
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	58	68	70	68	60	53	58	63	70	68	49	48	38	37	31	40	43	59	60	57	51	43	47	50	69	68	52	59	56	47	56	54.7
	MIN	44	46	50	54	39	25	29	33	38	32	31	33	26	22	22	15	29	34	42	42	34	32	35	32	40	38	27	28	29	31	37	33.8
CARROLLTON LOCK 1	MAX	57	58	65	65	59	53	60	63	59	49	45	45	39	40	34	38	39	46	58	58	50	47	46	50	51	56	53	59	49	45	56	51.4
	MIN	37	46	45	54	39	25	37	29	32	30	26	29	25	20	23	14	25	32	37	42	37	36	32	33	31	38	27	29	28	28	39	32.4
COVINGTON WB AIRPORT	MAX	57	52	63	58	51	53	56	58	49	34	45	37	35	31	30	34	35	41	52	53	49	43	46	47	47	53	50	56	38	49	57	47.1
	MIN	35	45	48	40	36	26	31	32	32	28	25	29	25	19	19	9	24	34	35	39	36	35	29	34	32	30	27	31	28	27	39	30.9
CYNTHIANA 2	MAX	60	56	55	68	62	48	58	56	62	58	40	49	35	40	34	35	38	40	52	61	47	54	45	44	51	59	42	54	62	39	48	50.1
	MIN	25	38	43	47	38	24	28	24	32	31	28	27	22	22	21	11	16	29	38	41	30	28	33	31	29	39	25	27	26	27	30	29.4
DANVILLE	MAX	61	58	64	70	61	41	54	59	65	70	51	48	36	40	33	33	42	42	54	60	54	46	44	48	53	69	41	51	62	37	44	51.3
	MIN	26	40	45	53	39	27	27	30	33	30	30	30	26	22	22	16	16	28	36	40	35	33	33	32	32	41	28	30	29	29	31	31.3
DIX DAM	MAX	57	64	69	69	60	53	57	63	70	66	47	47	40	41	31	39	42	55	57	59	57	46	46	50	65	65	51	59	59	41	55	54.2
	MIN	39	45	47	53	38	27	28	30	32	31	30	33	26	23	22	15	28	33	37	42	36	33	35	30	35	37	27	30	28	30	37	32.8
FALMOUTH 5 WNW	MAX	60	57	66	62	52	53	58	60	58	41	46	40	39	35	32	38	37	47	58	55	50	47	37	49	45	53	52	59	49	47	54	49.5
	MIN	32	45	48	51	38	19	22	23	26	27	20	29	19	20	17	8	18	30	33	42	35	32	26	32	26	37	23	24	26	19	37	28.5
FARMERS 1 WNW	MAX	61	63	68	63	59	54	59	62	64	55	51	43	47	36	33	32	42	54	62	59	53	43	44	48	65	61	52	60	54	48	54	53.2
	MIN	31	45	43	55	40	24	26	28	30	31	31	32	27	24	22	12	22	34	40	42	34	40	37	37	30	39	24	26	34	31	39	32.6
FLEMINGSBURG 1 SW	MAX	60	55	67	63	56	50	57	59	57	46	48	45	37	32	30	36	38	50	59	57	51	45	43	46	51	49	50	57	54	45	51	49.8
	MIN	37	45	48	53	38	25	28	29	32	30	25	31	25	21	21	14	23	32	40	45	33	33	33	32	30	37	25	28	27	27	37	31.7
FRANKFORT LOCK 4	MAX	53	59	54	68	62	48	56	60	65	62	47	48	35	42	34	33	42	41	52	59	55	48	47	43	51	63	43	53	61	38	47	50.6
	MIN	31	38	44	45	39	27	28	27	29	30	29	28	26	24	23	15	15	30	37	41	36	35	34	31	33	38	26	26	28	28	29	30.6
LEXINGTON WB AIRPORT	MAX	59	57	67	59	45	52	56	61	62	43	47	38	38	31	31	38	41	50	59	55	44	41	43	47	58	58	50	57	38	40	52	48.9
	MIN	40	47	50	45	34	26	32	33	33	31	29	29	25	22	20	12	27	33	41	34	33	34	35	30	37	31	27	30	29	27	37	32.0
MAYSVILLE SEWAGE PLANT	MAX	52	60	54	66	62	49	52	59	58	54	35	48	35	38	33	31	38	40	50	58	53	49	43	49	47	55	48	52	60	38		48.9
	MIN	20	36	43	42	40	26	26	29	29	30	27	27	25	22	22	16	16	26	36	39	37	33	32	34	28	30	28	28	28	28		29.4
MOUNT STERLING	MAX	60	61	69	67	61	53	58	63	68	60	51	50	39	39	33	38	43	55	61	61	53	45	43	40	63	61	52	61	57	42	54	53.6
	MIN	39	45	47	55	38	27	29	30	33	29	29	32	25	22	21	16	23	32	41	44	33	33	35	35	31	37	27	29	28	21	38	32.4
OWENTON	MAX	51	57	54	66	57	48	53	56	60	62	37	44	34	36	34	30	37	37	45	59	50	43	46	48	57	61	50	58	57	45	55	49.3
	MIN	29	42	51	53	37	26	29	34	34	30	25	27	24	19	21	16	18	27	37	38	35	34	32	29	37	29	26	26	24	26	39	30.8
RICHMOND	MAX	57	60	66	69	65	42	52	61	64	72	52	49	37	42	35	35	41	43	57	59	57	44	43	50	52	67	40	55	60	38	42	51.8
	MIN	30	43	47	53	39	27	30	34	34	30	30	31	27	22	22	13	25	30	41	43	32	33	35	31	33	40	25	30	30	29	32	32.3
SHELBYVILLE	MAX	54	58	53	66	61	46	53	58	62	57	43	46	33	39	33	32	39	40	47	59	52	48	46	43	51	60	42	52	60	38	46	48.9
	MIN	28	39	47	52	37	27	28	30	32	30	25	26	25	21	21	14	14	30	35	38	34	34	34	30	32	37	25	27	28	27	28	30.2
WARSAW MARKLAND DAM	MAX	49	59	55	68	63	50	53	59	61	50	35	40	35	40	34	32	38	38	45	56	50	48	45	46	50	58	43	53	59	37	47	48.3
	MIN	25	37	46	44	38	24	23	24	32	28	27	24	25	22	22	12	14	27	36	35	38	35	30	28	33	28	27	29	28	27	28	28.9
WAYNESBURG 7 NE	MAX	57	67	69	64	58	51	57	64	69	58	47	47	39	36	32	40	43	56	59	57	50	46	47	51	69	66	51	62	54	50	57	54.0
	MIN	43	44	52	53	38	27	32	31	38	30	30	31	26	22	21	12	27	36	38	40	32	33	33	31	40	37	25	31	29	31	36	33.2
WILLIAMSTOWN 3 NW	MAX	58	55	66	63	52	53	57	60	57	38	45	40	36	35	30	38	35	45	56	55	47	45	45	49	45	55	52	60	46	45	54	48.9
	MIN	37	46	48	51	37	26	32	34	31	27	24	27	22	19	20	13	24	30	36	40	35	32	31	31	35	36	27	32	26	24	37	31.3
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	51	60	59	69	61	45	51	59	59	56	51	51	37	39	35	32	38	41	56	62	50	57	42	50	47	60	57	51	62	38	48	50.8
	MIN	19	26	43	43	42	23	25	26	27	30	29	28	28	23	23	11	14	25	40	42	39	32	32	33	27	31	23	25	30	29	32	29.0
BARBOURVILLE	MAX	65	59	70	70	67	47	58	60	65	71	70	57	46	46	35	36	43	54	65	60	65	40	40	48	51	72	55	56	61	43	60	56.0
	MIN	24	41	39	41	45	29	24	24	25	28	34	36	29	26	26	14	15	32	35	40	37	34	34	33	34	41	26	25	25	30	30	30.8
BAXTER	MAX	65	60	69	68	61	49	57	59	64	69	68	64	54	39	35	34	40	55	60	56	61	48	40	45	47	69	56	54	66	47	65	55.6
	MIN	24	40	36	36	47	31	24	21	23	28	33	39	30	26	25	13	13	29	38	40	39	30	30	30	30	37	25	25	25	30	30	29.9
BLAINE	MAX	58	61	63	70	61	45	49	60	63	64	52	54	38	41	34	34	40	45	61	62	59	47	42	48	47	64	54	52	62	38	47	52.1
	MIN	21	21	39	33	44	22	15	22	22	21	29	30	29	24	15	8	10	19	34	41	32	34	31	31	25	32	22	18	26	31	33	26.3
CUMBERLAND	MAX	61	70	69	65	55	55	59	63	69	67	57	58	48	35	34	40	55	60	61	62	54	43	45	49	70	61	55	65	64	66	64	57.4
	MIN	35	45	36	52	39	28	22	24	26	28	38	36	27	25	23	10	23	42	35	52	35	33	37	30	29	36	26	24	25	32	41	32.1
DEWEY DAM	MAX	55	64	61	71	60	46	48	58	61	77	55	55	40	40	34	34	39	48	63	60	62	47	42	50	47	72	54	54	64	36	57	53.4
	MIN	28	38	41	40	46	26	24	23	25	28	32	33	30	27	20	4	14	20	38	44	34	35	35	32	33	31	26	24	24	32	35	29.7
GRAYSON 5 SE	MAX	52	60	61	69	61	43	53	60	62	58	45	52	37	41	33	33	39	39	56	62	57	46	41	46	47	60	55	51	61	37	47	50.5
	MIN	18	37	41	41	42	21	21	24	25	25	28	27	29	24	19	8	9	21	38	42	33	33	33	32	25	30	22	23	25	29	32	27.6
HEIDELBERG LOCK 14	MAX	60	67	70	70	65	53	59	63	71	71	60	51	40	41	34	39	45	59	61	60	58	48	47	47	70	71	52	63	64	55	68	57.5
	MIN	38	44	39	49	42	27	23	24	26	32	34	35	28	25	26	10	22	33	41	49	32	33	36	32	34	40	23	25	32	33	40	32.5
HINDMAN 11 NNE	MAX	57	65	67	71	62	46	53	60	64	70	62	50	41	40	35	36	38	50	63	62	64	48	47	49	55	72	55	54	65	38	63	54.9
	MIN	35	44	40	40	45	25	23	25	27	27	31	34	30	28	24	12	13	24	37	35	35	37	36	32	33	33	25	24	34	34	36	30.9
HYDEN	MAX	63	62	69	70	62	47	55	58	64	69		69		40	33	35	40	50	62	62	60	47	41	47	50	70	55	52	66	41	64	55.3
	MIN	24	40	37	35	46	27	24	24	25	27		31	30	27	26	11	11	27	35	43	36	35	35	29	29	37	26	25	25	34	33	29.8
JACKSON	MAX	64	62	70	70	62	46	58	64	69	73	67	52	41	42	37	37	45	48	63	60	63	48	41	48	46	73	55	56	66	38	62	55.7
	MIN	26	41	41	42	46	28	27	26	28	30	34	35	29	28	24	14	14	27	35	46	45	34	36	34	35	37	27	27	27	33	35	32.0

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	58	69	69	64	51	54	58	64	70	69	52	43	40	34	32	40	47	62	59	57	45	40	48	50	70	61	51	62	53	62	58	54.6
	MIN	44	45	43	51	36	29	25	28	30	36	34	31	29	26	14	10	29	39	44	43	36	34	32	30	37	31	24	26	33	32	38	32.9
MANCHESTER 4 SE	MAX	61	70	70	67	63	55	60	65	70	69	67	52	42	39	33	40	48	63	63	61	53	45	48	50	71	69	52	65	60	62	62	57.9
	MIN	39	44	37	53	42	25	23	24	26	31	36	36	29	28	26	10	26	33	37	51	36	33	32	29	36	40	23	23	35	31	40	32.7
MC KEE	MAX	60	59	67	69	60	42	53	59	64	70	64	48	39	38	32	31	40	44	60	59	55	46	40	48	50	69	54	52	65	35	62	52.7
	MIN	24	38	39	40	40	22	22	22	23	27	31	32	27	23	23	8	8	28	34	41	32	32	34	31	31	34	21	23	25	31	30	28.3
MIDDLESBORO	MAX	64	59	69	68	66	49	58	60	65	71	70	64	57	37	37	35	42	53	62	56	53	43	41	49	46	69	54	54	65	44	62	55.5
	MIN	26	42	38	38	48	37	25	25	26	28	33	41	30	29	27	13	13	32	38	39	38	37	36	34	34	34	26	25	30	30	30	31.7
MONTICELLO	MAX	60	73	71	66	59	56	59	65	73	67	58	50	41	37	36	43	50	61	56	60	53	42	49	55	74	69	55	63	57	61	64	57.5
	MIN	44	46	45	54	41	27	24	27	29	36	34	36	29	26	23	13	30	41	33	44	36	35	36	32	40	39	24	26	32	31	36	33.8
MOUNT VERNON	MAX	61	69	70	67	59	53	57	64	69	67	64	47	39	37	32	40	43	59	59	57	53	46	47	50	71	71	51	63	57	59	59	56.1
	MIN	41	46	50	54	39	23	25	28	31	33	31	34	27	22	23	10	27	38	42	42	34	33	35	33	40	38	25	26	30	33	38	33.3
PIKEVILLE	MAX	67	68	70	66	60	55	63	67	73	65	55	51	41	38	36	43	50	67	62	67	58	47	52	45	75	69	58	70	62	65	58	58.8
	MIN	37	45	47	55	42	30	27	28	30	32	35	36	30	26	24	15	23	39	43	50	38	38	39	34	34	40	37	28	37	32	42	35.3
SOMERSET 2 N	MAX	58	68	68	62	58	53	59	63	68	66	55	48	42	35	35	39	41	56	59	55	50	41	46	49	69	67	51	62	55	58	59	54.7
	MIN	40	42	45	45	40	26	23	23	28	30	30	33	25	25	22	12	25	39	31	42	34	33	33	28	37	38	22	23	30	30	36	31.3
STEARNS	MAX	65	69	72	68	63	60	55	58	64	70	69	55	43	38	36	32	42	50	60	57	56	44	38	46	52	71	60	45	64	48	65	55.3
	MIN	25	43	45	43	42	28	26	32	28	36	33	34	27	26	23	14	16	28	40	43	35	32	31	30	33	42	25	22	25	27	32	31.2
TOMAHAWK 1 WSW	MAX	56	62	62	71	61	53	48	60	62	65	55	54	50	39	37	34	40	43	61	50		50	46	50	45	71	55	53	64	35	55	52.9
	MIN	23	41	38	38	45	31	22	24	25	25	30	31	30	25	15	11	11	19	35	40		36	31	25	26	31	22	18	27	32	33	28.0
VANCEBURG	MAX	61	57	69	67	62	54	58	61	58	56	51	47	38	36	31	37	39	52	60	60	53	44	48	49	48	48	53	58	55	58	54	52.3
	MIN	29	44	44	51	41	19	23	24	25	30	22	32	27	23	19	6	18	32	39	46	38	34	32	34	25	35	21	25	25	25	37	29.8
WEST LIBERTY	MAX	58	60	59	68	62	45	53	60	65	70	55	55	40	38	33	28	40	45	58	63	57	47	39	47	46	62	52	52	62	36	50	51.8
	MIN	25	38	38	38	42	23	23	24	26	26	31	31	27	24	21	11	11	24	35	45	34	34	34	33	28	34	23	23	25	31	31	28.8
WILLIAMSBURG 1 E	MAX	64	70	70	69	58	58	61	66	73	70	66	52	49	41	39	42	52	67	66	58	55	45	50	72	68	56	67	62	65	63	65	60.0
	MIN	44	45	37	40	42	30	25	27	31	35	34	34	30	31	25	14	30	40	40	48	37	34	35	33	38	25	27	35	31	29	40	33.7

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND																	3														
FORDS FERRY DAM 50	SNOWFALL													1.0		T		5.0	4.0											1.5		
	SN ON GND													1				5	5	3	T									2	T	
HENDERSON 7 SSW	SNOWFALL												1.0	.5	T			10.0	3.0								T			3.0		
	SN ON GND												1	T	T	T	T	8												T		
HOPKINSVILLE	SNOWFALL													2.0		T		1.5	.5											T		
	SN ON GND													2				1														
MURRAY	SNOWFALL													.4		T		.4														
	SN ON GND													T				T														
OWENSBORO 2 W	SNOWFALL												T	1.0	T			8.0												3.0		
	SN ON GND													1				8	-	-										3		
PADUCAH FAA AIRPORT	SNOWFALL												T		T		2.0	5.0											T	T		
	SN ON GND													T				6	4													
RUSSELLVILLE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWLING GREEN FAA AP	SNOWFALL												1.0	T	T	T	T	T												T		
	SN ON GND													1				T														
CAMPBELLSVILLE 2 SSW	SNOWFALL													T	T	T		T	2.0											1.0		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRVINGTON	SNOWFALL																	2.0												4.0		
	SN ON GND																	1												T		
LOUISVILLE WB AP	SNOWFALL												.4	.1	T	T		3.7							T				.1	6.4		
	SN ON GND													1																6	2	
	WTR EQUIV																													.6	.2	
MAMMOTH CAVE PARK	SNOWFALL													1.3				1.0		T										1.0		
	SN ON GND																													T		
MILLERSTOWN	SNOWFALL													1.0		T		1.5							.1					2.0		
	SN ON GND													1	T			2							T					2	T	
SUMMER SHADE	SNOWFALL													T		T		T												T		
	SN ON GND																															
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL													.2	.2	.5		.2						T	.1		T			3.5		
	SN ON GND															T														T		
COVINGTON WB AIRPORT	SNOWFALL										T	T	4.1	.1	.1	.9		4.1	T				T		T		T			2.7		
	SN ON GND												T	4	1	1	1	T	3											3	T	
	WTR EQUIV													.4					.4											.3		
CYNTHIANA	SNOWFALL													1.0	T	T	.5		T				T	T						5.4	T	
	SN ON GND													1	T		T						T							5	T	
DANVILLE	SNOWFALL													.2	T	T	T		T							T				3.0		
	SN ON GND													T	T	T	T													3		
FARMERS 1 WNW	SNOWFALL													T	T	T	T													3.0	T	
	SN ON GND													T	T	T	T													3	T	
GEST LOCK 3	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND													1	T	T	T		T											5	2	
LEXINGTON WB AIRPORT	SNOWFALL												.2	.3	.3	.9		.6					T		T		T		T	3.9		
	SN ON GND												T	T	T	T	T						T		T					4	T	
	WTR EQUIV																													.4		
MAYSVILLE SEWAGE PLANT	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSTOWN 3 NW	SNOWFALL										T			1.5	T	1.0	T	T	3.0				.3		T		T			7.0		
	SN ON GND													1	1	1	T	T	T											2	T	T
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL													1.0	1.5	2.0		.5	.5			T	T	T	.5							
	SN ON GND													T	T	2	1															
DEWEY DAM	SNOWFALL														T	T	T													T		
	SN ON GND														T	T	T													T		
HAZARD WATER WORKS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEIDELBERG LOCK 14	SNOWFALL													T	T	T	T													.5		
	SN ON GND													T	T	T	T													1		
LONDON FAA AP	SNOWFALL												T	T	T	2.5		T					1.3	T	T					T		
	SN ON GND													T	T	T	T	T												T		
MIDDLESBORO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTICELLO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIKEVILLE	SNOWFALL														T	T	T															
	SN ON GND															T	T	T														
SOMERSET 2 N	SNOWFALL															.1		.5														
	SN ON GND																	1												-		

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL																																		
	4	MAX	41	46	49	50	50	48	48	48	50	50	47	47	43	43	44	39	40	40	42	47	43	44	44	44	44	45	44	47	47	43	49	45.4
		MIN	41	41	46	49	42	42	43	44	46	46	44	43	40	40	39	37	39	40	38	42	43	43	43	43	44	44	41	41	43	42	42	42.3
	20	5PM	40	41	43	43	45	45	45	44	45	46	46	45	44	44	44	43	42	42	42	44	44	45	44	44	44	45	45	44	45	45	44	43.9
BEREA COLLEGE																																		
	4	MAX	41	45	47	50	50	46	46	47	48	49	45	43	42	39	37	36	37	40	43	44	47	45	43	41	47	48	44	46	47	43	45	44.2
		MIN	41	40	45	47	46	44	42	42	44	45	42	42	39	37	36	34	36	37	40	43	44	43	41	40	41	44	41	41	42	40	42	41.3
	20	5PM	40	42	43	45	46	46	46	46	46	46	46	46	45	44	43	43	42	43	43	44	43	45	44	44	45	45	45	45	45	45	45	44.4
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	46	46	47	51	51	48	48	50	50	50	49	46	44	44	44	44	42	43	45	48	47	47	46	47	50	51	47	50	50	49	52	47.5
		MIN	38	37	42	47	48	42	43	44	42	45	44	43	41	41	40	36	40	40	43	45	45	44	42	42	45	46	41	43	42	42	44	42.5
	20	6PM	40	41	41	46	46	46	45	45	45	45	45	45	44	44	44	41	42	42	42	44	44	44	44	44	44	45	44	45	45	44	45	43.9
CUMBERLAND GAP PARK																																		
	4	MAX	43	48	56	50	50	49	48	47	47	48	49	49	49	45	44	43	48	46	46	50	50	47	45	46	50	50	48	49	48	48	47	47.8
		MIN	41	42	44	48	49	46	43	42	42	42	46	47	45	42	41	40	43	42	42	46	45	45	44	44	44	46	43	43	43	44	43	43.8
	20	5PM	42	43	45	46	46	47	47	46	46	46	47	47	47	47	47	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	46.4
FLEMINGSBURG 1 SW																																		
	4	MAX	36	40	42	46	46	43	43	44	44	44	40	40	38	38	35	34	35	36	40	42	42	41	40	39	38	39	40	42	42	38	41	40.3
		MIN	35	36	40	42	43	39	39	39	40	39	37	38	36	35	33	33	33	33	36	40	39	39	38	37	37	38	37	37	38	36	38	37.4
	20	6PM	37	38	39	41	42	42	42	42	42	42	42	42	41	41	40	40	39	39	39	40	41	41	41	41	41	41	41	41	41	41	41	40.7
GLASGOW WKAY																																		
	4	MAX	43	47	47	50	50	48	47	48	49	49	48	46	45	43	42	41	42	44	46	46	48	46	45	47	50	50	48	47	47	46	50	46.6
		MIN	41	43	46	47	48	44	43	44	44	46	46	45	43	42	41	38	41	41	43	46	46	45	43	43	46	48	44	43	45	44	46	44.0
	20	6PM	42	43	44	45	46	46	46	45	46	46	46	46	45	45	44	43	43	43	44	45	45	45	45	45	46	46	46	46	46	46	46	45.0
GREENVILLE 2 W																																		
	4	MAX	45	49	50	53	51	48	47	52	53	53	52	46	44	43	43	41	41	40	44	48	49	46	46	50	50	51	49	51	53	47	54	48.0
		MIN	43	33	38	50	47	43	43	43	46	47	46	43	41	39	40	39	39	39	40	44	45	44	44	43	47	48	42	45	45	43	46	43.1
	20	5PM	41	43	44	45	46	46	41	45	41	46	41	46	44	45	45	44	43	43	43	44	45	44	45	45	45	46	46	46	46	46	46	44.4
HENDERSON 7 SSW																																		
	4	MAX	43	48	49	49	49	48	48	49	50	49	49	49	45	44	43	43	43	43	43	43	43	45	45	46	47	47	48	48	48	48	50	46.5
		MIN	42	43	48	49	48	45	45	46	46	48	47	45	44	43	42	41	43	41	42	40	43	43	45	44	46	47	45	47	45	45	46	44.6
	20	6PM	42	43	45	46	46	46	46	46	46	47	47	46	45	45	44	43	44	43	42	42	43	43	44	44	45	45	45	45	45	45	45	44.6
IRVINGTON																																		
	4	MAX	42	45	48	50	50	47	47	45	48	50	47	48	47	43	40	39	39	40	46	46	47	45	44	44	45	46	45	46	47	43	49	45.4
		MIN	40	42	45	48	47	42	43	42	44	45	43	47	41	40	39	37	39	39	39	39	40	44	43	42	44	45	41	42	43	36	43	42.1
	20	4PM	38	39	45	42	43	43	43	42	43	43	43	43	42	42	40	40	40	40	40	40	41	41	41	41	41	42	42	41	42	42	42	41.5
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	56	56	63	63	48	61	57	67	66	49	53	37	49	34	33	48	41	52	58	61	51	45	46	56	60	50	56	68	40	39	61	52.4
		MIN	37	45	47	48	35	34	34	34	35	34	32	34	34	33	33	33	33	34	42	36	36	35	35	34	36	34	34	34	34	35	38	35.9
	2	MAX	51	54	59	61	50	57	54	63	61	48	50	39	46	36	34	45	40	49	55	57	49	43	44	51	56	49	53	62	42	39	56	50.1
		MIN	38	45	47	50	37	36	36	36	38	36	34	35	35	34	34	34	34	35	42	39	38	37	37	36	38	37	36	36	36	36	39	37.5
	4	MAX	46	50	54	57	52	52	50	55	54	45	46	41	43	38	36	41	38	45	51	53	47	43	43	47	50	49	48	54	45	39	51	47.2
		MIN	39	44	47	51	41	39	39	39	41	39	36	37	36	36	35	35	36	36	42	43	40	39	39	38	40	40	38	38	37	37	39	39.2
	8	MAX	43	47	50	53	52	47	47	49	49	44	44	43	41	40	38	39	38	42	47	49	46	44	42	44	46	47	45	49	47	40	47	45.1
		MIN	39	43	46	49	44	41	42	42	43	42	88	39	39	38	37	37	37	37	42	46	43	42	41	40	42	42	40	41	40	39	40	41.0
(SOD)	1	MAX	44	48	51	54	51	50	48	52	52	46	46	43	43	39	37	42	39	43	48	50	46	44	43	45	48	47	47	51	46	41	49	46.2
		MIN	39	44	46	49	43	40	40	41	42	42	41	39	39	37	36	35	36	37	42	44	43	42	41	39	41	41	39	40	41	40	40	40.6
	2	MAX	44	47	50	53	51	49	47	51	51	46	46	44	43	40	38	42	39	43	47	49	46	44	43	45	47	47	46	50	47	42	48	46.0
		MIN	40	43	46	49	44	41	41	42	43	43	42	40	39	38	37	36	37	38	42	45	43	42	41	40	42	42	40	41	42	41	41	41.3
	4	MAX	43	46	49	52	51	48	47	49	49	47	45	44	43	41	39	41	39	42	46	48	46	44	43	44	46	46	45	49	47	42	47	45.4
		MIN	40	43	45	48	45	42	42	42	44	44	42	41	40	39	37	37	38	38	42	46	44	42	41	41	42	43	41	41	42	41	41	41.7
	8	MAX	42	44	47	49	49	46	45	47	47	47	45	45	42	42	40	40	40	41	44	46	46	45	43	43	45	45	44	46	46	43	45	44.5
		MIN	40	42	44	47	46	44	43	44	45	45	43	42	41	40	39	39	39	39	41	44	44	43	42	42	43	44	42	42	43	42	42	42.5

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

CONTINUED

KENTUCKY
MARCH 1970

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM																																		
(SOD)	20	7PM	40	41	43	44	45	45	44	44	45	45	45	44	44	43	42	42	41	41	42	44	44	44	44	43	43	44	44	44	44	44	43	43.4
	40	7PM	42	42	42	43	43	44	44	44	44	45	45	45	45	45	44	44	44	44	44	44	44	44	44	45	45	45	45	45	45	45	45	44.2
MAYFIELD RADIO WNGO																																		
	4	MAX	46	44	43	52	52	51	50	49	52	51	50	45	50	49	49	50	46	46	48	47	47	46	45	46	47	47	47	48	47	47	47	47.9
		MIN	44	42	42	43	46	46	47	46	46	45	44	40	45	45	44	41	40	43	46	42	45	45	44	41	43	45	42	43	43	41	44	43.6
	20	5PM	44	43	42	48	48	47	47	47	49	48	48	43	47	46	46	46	45	47	50	44	45	45	45	46	46	46	47	47	46	47	47	46.2
PRINCETON 1 SE																																		
	4	MAX	43	46	49	50	49	47	48	48	49	49	49	47	44	44	42	42	40	40	44	46	47	45	45	46	46	47	47	48	48	46	51	46.2
		MIN	42	43	46	49	35	44	45	44	46	47	46	44	43	41	40	38	39	39	40	44	45	45	44	43	46	46	42	45	44	42	45	43.3
	20	5PM	42	43	45	46	43	46	46	46	46	47	47	46	46	45	44	44	43	43	43	44	44	44	44	44	45	46	46	46	46	45	46	44.9
QUICKSAND																																		
	4	MAX	43	46	47	49	50	47	46	48	48	49	49	45	42	41	40	42	41	45	50	49	49	46	43	49	50	50	46	50	49	49	48	46.6
		MIN	39	42	44	47	47	42	40	40	41	43	43	42	40	39	37	35	36	39	45	45	44	43	41	40	41	46	41	40	44	41	45	41.7
	20	4PM	39	40	42	44	45	45	45	44	44	44	44	45	44	43	41	41	41	41	42	44	45	44	44	44	44	44	44	45	45	45	45	43.5
SANDY HOOK 5 W																																		
	4	MAX	40	-	-	-	48	45	45	-	-	47	44	44	-	-	-	-	40	39	-	-	45	-	43	40	43	44	42	44	-	45	43	-
		MIN	38	-	-	-	40	40	41	-	-	41	40	41	-	-	-	-	35	35	-	-	39	-	40	39	39	42	39	40	-	40	40	-
	20	6PM	39	-	-	-	43	48	43	-	-	43	43	43	-	-	-	-	39	39	-	-	42	-	42	42	41	42	42	41	-	42	41	-
SOMERSET 2 N																																		
	1	MAX	45	51	52	53	52	51	49	52	54	53	50	46	46	44	44	45	45	47	46	52	50	46	45	47	54	53	55	52	49	53	54	49.5
		MIN	42	44	48	50	47	42	40	41	43	44	44	43	41	39	38	35	39	40	42	46	44	43	41	40	44	46	41	41	42	42	46	42.5
	4	MAX	46	49	50	52	51	49	47	50	51	51	50	46	45	43	43	44	44	46	45	50	49	46	45	46	51	50	49	50	50	51	52	48.1
		MIN	44	44	47	50	47	43	41	42	44	45	45	43	42	39	39	37	40	41	43	45	44	43	42	42	45	47	42	41	41	43	46	43.1
	20	6PM	43	44	45	48	48	48	47	47	47	48	48	47	46	45	45	45	45	45	45	46	47	47	46	46	47	48	48	47	46	47	48	46.4
WILLIAMSTOWN 3 NW																																		
	4	MAX	39	42	45	48	47	45	45	45	45	46	42	40	41	41	39	37	37	37	41	43	43	43	43	41	41	42	42	44	44	42	44	42.4
		MIN	37	39	40	41	45	42	42	42	43	42	40	40	40	38	37	37	37	37	37	41	43	43	41	41	41	41	40	41	42	41	40	40.4
	20	6PM	38	38	39	41	42	42	42	42	42	42	42	42	41	41	40	40	40	39	39	40	40	41	41	41	41	41	41	41	41	41	41	40.7

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY .	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ↕	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		8A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA H. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1184	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 N	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1258	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA N. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			CLOSED 1/30/70
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	EARL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT R	1855	03	BOONE	7	39 04	84 40	889	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	460		7A		C	RONALD H. FUQUA
DUNMOR	2368	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 NNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE M. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		C G	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3248	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14 R	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGLE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASD
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A		C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 08	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 48	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 25	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 04	83 43	850	5P	7A			NOKA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	860		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAKLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. MAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A			CLARENCE SPARROW
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			CLOSED 2/14/70
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT R	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-784
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7095	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	780		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. M. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	8P		H	CHAS. M. MC MURTREY
TAYLORSVILLE	7948	02	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	468	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS H. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	85 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATIONS												
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			CLOSED 1/30/70
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			CLOSED 2/14/70
NEW STATION												
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			OPENED 1/30/70

↕ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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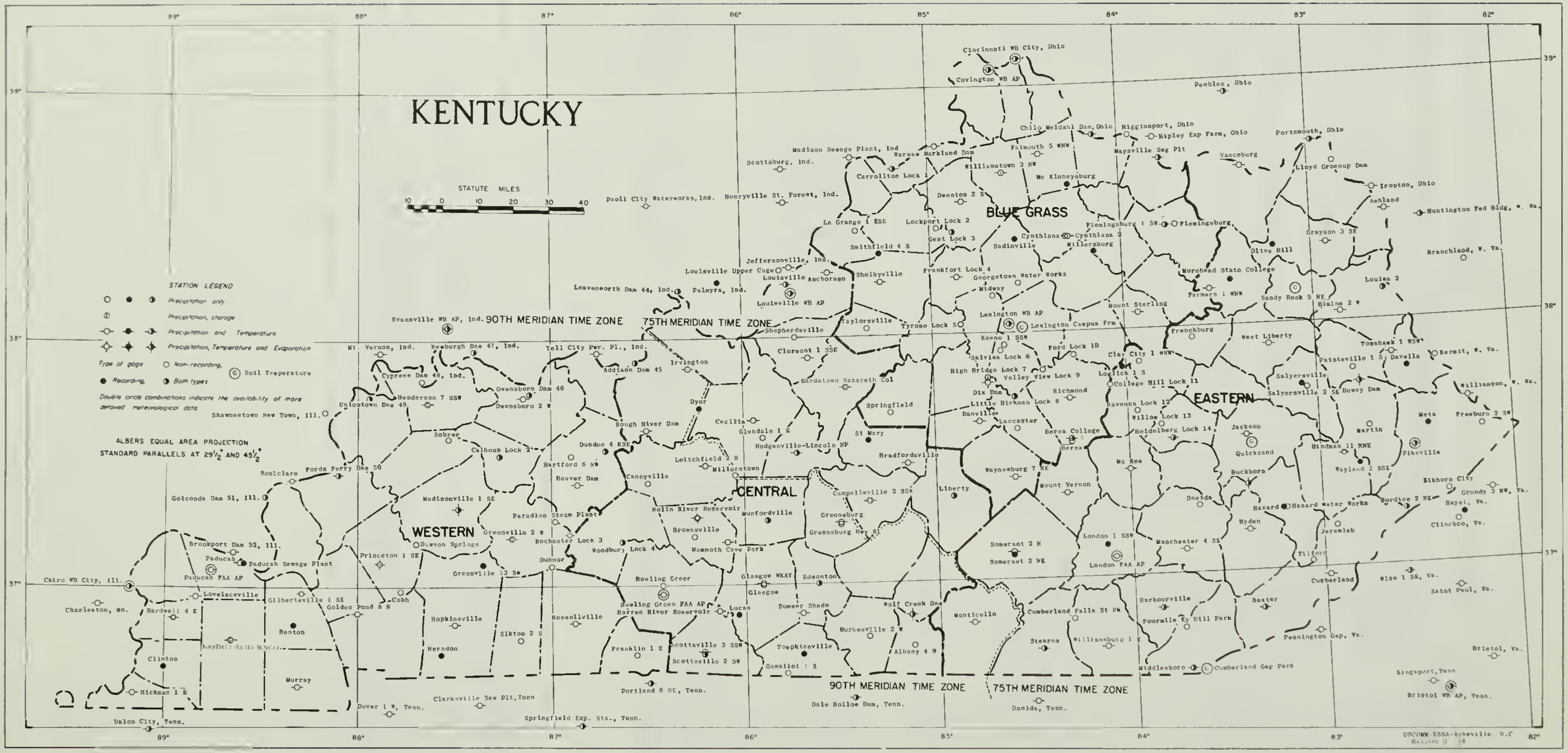

KENTUCKY

USCOMM-ESSA-Asheville, N.C
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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

APRIL 1970

Volume 65 No. 4

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	72.1	47.6	59.9		84	30	31	3	190	0	0	2	0	10.38		3.30	1	.0	0		9	5	4
BEAVER DAM	73.2	47.4	60.3		87	30	27	7	176	0	0	2	0	5.42		1.56	23	.0	0		6	4	2
FORDS FERRY DAM 50	71.1	48.8	60.0		88	30	31	2	192	0	0	1	0	8.17	4.09	1.96	2	.0	0		8	6	4
GILBERTSVILLE 1 SE	74.6	50.5	62.6		88	30	36	7	131	0	0	0	0	5.27		1.32	23	.0	0		7	5	2
GOLDEN POND 8 N	72.3M	49.3	60.8M		83	30+	33	3	179	0	0	0	0	4.84		1.43	2	.0	0		7	4	2
GREENVILLE 2 W	72.8	47.3	60.1	2.7	87	30	30	7	181	0	0	3	0	6.86	2.64	1.35	23	.0	0		10	5	3
HENDERSON 7 SSW	71.5	49.3	60.4	3.2	87	30	33	7	177	0	0	0	0	6.69	2.20	1.91	23	.0	0		10	4	3
HICKMAN 1 E	74.0M	50.4M	62.2M		85	30	35	3	139	0	0	0	0	6.71		2.01	24	.0	0		9	5	2
HOPKINSVILLE	71.6	46.8	59.2	1.4	84	30	32	3	211	0	0	1	0	5.55	1.47	1.74	2	.0	0		7	4	2
LOVELACEVILLE	72.8	48.4	60.6	2.1	87	30	30	3	176	0	0	2	0	8.72	4.36	3.00	1	.0	0		8	4	4
MADISONVILLE 1 SE	72.9	48.3	60.6		86	30	32	7	170	0	0	1	0	9.03		3.45	2	.0	0		8	4	3
MAYFIELD RADIO WNGO	74.6M	47.2M	60.9M		88	30	31	7	170	0	0	1	0					.0	0				
MURRAY	71.5	49.8	60.7	1.8	83	30	34	3	177	0	0	0	0	6.20	2.08	1.95	2	.0	0		7	6	3
OWENSBORO 2 W	71.4	47.5	59.5	2.6	86	30	29	5	196	0	0	1	0	11.79	7.77	3.71	2	.0	0		8	5	5
PADUCAH FAA AIRPORT	70.0	49.8	59.9		84	30	34	7	193	0	0	0	0	8.69		2.57	1	.0	0		7	5	4
PADUCAH	73.2	49.8	61.5		85	30	36	15+	148	0	0	0	0	6.84	2.58	1.53	23	.0	0		8	5	4
PRINCETON 1 SE	73.2	49.3	61.3	3.3	87	30	30	7	158	0	0	1	0	5.63	1.55	1.30	2	.0	0		9	4	2
ROCHESTER LOCK 3	70.4M	45.6M	58.0M		84	30	31	8+		0	0	2	0	6.89		2.09	2	.0	0				
RUSSELLVILLE	70.3	48.9	59.6	2.1	86	30	29	7	198	0	0	2	0	5.62	1.58	2.50	2	.0	0		7	4	2
DIVISION			60.4	2.5										7.18	3.05			.0					
* * * CENTRAL 02																							
ANCHORAGE	72.5	46.2	59.4	4.8	86	30+	29	7+	196	0	0	3	0	10.09	6.11	3.57	2	.0	0		8	6	3
BARDSTOWN NAZARETH COL	71.8	46.8	59.3		87	29	28	5	194	0	0	1	0	12.06		4.98	28	T	0		10	5	3
BARREN RIVER RESERVOIR	71.4	45.2	58.3		86	30	28	7	234	0	0	4	0	5.58		2.51	2	.0	0		8	4	1
BERNHEIM FOREST	73.6	44.5	59.1		88	30+	26	7	208	0	0	6	0	9.70		3.64	28	.0	0		8	5	3
BOWLING GREEN FAA AP	72.7	46.5	59.6	1.5	86	30	30	7	195	0	0	3	0	7.01	2.95	3.22	1	.0	0		8	4	2
BRADFORDSVILLE	72.5	44.5	58.5		87	30	24	5	233	0	0	7	0	9.70		4.60	28	.0	0		7	5	3
CAMPBELLSVILLE 2 SSW																							
CECILIA	72.0	46.4	59.2	3.6	86	29	28	7+	195	0	0	3	0	11.84	7.62	5.10	28	T	T	2	11	5	4
GLASGOW WKAY	72.5	47.4	60.0		88	30	29	3	187	0	0	3	0	7.65		2.55	2	.0	0		11	5	2
GREENSBURG	71.9	44.0	58.0	1.4	88	30	27	3	234	0	0	4	0	6.33	2.46	2.52	2	.0	0		5	5	2
HODGENVILLE-LINCOLN NP	73.2	46.6	59.9		87	29	28	7+	187	0	0	3	0	11.87		4.65	28	.0	0		9	7	3
IRVINGTON	72.1	44.9	58.5	1.7	85	30+	26	7	213	0	0	5	0	14.35	10.44	5.29	28	.0	0		9	7	3
LEITCHFIELD 2 N	72.8	46.4	59.6	2.5	87	30	28	7	198	0	0	5	0	9.15	4.97	2.49	29	.0	0		8	6	3
LOUISVILLE	73.8	49.2	61.5		90	30	33	5	145	1	0	0	0	9.11		3.21	2	.0	0		8	5	3
LOUISVILLE WB AP R	71.0	47.5	59.3	4.5	86	30+	31	5	200	0	0	1	0	11.10	7.28	4.08	1	T	0		8	6	3
MAMMOTH CAVE PARK	72.7	46.3	59.5		86	30	29	7	202	0	0	5	0	7.03		3.05	2	.0	0		8	4	2
NOLIN RIVER RESERVOIR	70.9	43.6	57.3		85	30	28	8+	257	0	0	4	0	5.91		3.45	2	.0	0		7	2	1
ROUGH RIVER DAM	70.4	45.7	58.1		84	30	28	7	226	0	0	3	0	8.78		2.58	2	.0	0		7	6	4
SCOTTSVILLE 3 SSW	73.6	49.6	61.6		86	30	31	3	150	0	0	1	0	6.38		1.89	2	.0	0		12	5	1
SUMMER SHADE	72.8	47.6	60.2		86	30	28	3	183	0	0	3	0	5.98		1.89	2	.0	0		9	4	2
WOLF CREEK DAM	72.0	43.4	57.7		89	30	24	4	248	0	0	8	0	6.44		1.78	2	.0	0		7	5	3
DIVISION			59.2	2.5										8.80	4.77			T					
* * * BLUE GRASS 03																							
BEREA COLLEGE	72.3	47.5	59.9	2.9	88	29	29	5	186	0	0	2	0	10.16	6.08	3.38	28	.0	0		9	6	4
CARROLLTON LOCK 1	71.8	44.9	58.4		86	30+	27	5	218	0	0	2	0	6.86	3.28	1.77	2	.0	0		8	4	4
COVINGTON WB AIRPORT R	68.6	45.0	56.8	4.6	86	30+	28	5	264	0	0	3	0	7.19	3.97	1.53	1	T	0		10	6	2
CYNTHIANA 2	68.4	42.5	55.5		85	30	26	5	292	0	0	6	0	8.20		2.00	2	.0	0		9	5	4
DANVILLE	69.0	44.0	56.5		87	30	28	5	263	0	0	4	0	8.80	4.82	2.78	28	.0	0		11	5	3
DIX DAM	71.6	45.7	58.7		85	30+	28	3	208	0	0	3	0	8.92		3.34	28	.0	0				3
FALMOUTH 5 WNW	70.5	40.5	55.5		89	29	18	5	302	0	0	9	0	10.25	6.31	3.44	2	T	0		7	4	4
FARMERS 1 WNW	71.7	44.4	58.1	2.7	89	30	24	5	237	0	0	6	0	7.73	3.86	1.67	2	.0	0		10	5	4
FLEMINGSBURG 1 SW	69.6	44.9	57.3		85	30+	25	5	248	0	0	4	0	6.77		1.33	2	.0	0		11	7	1
FRANKFORT LOCK 4	69.3	41.1	55.2	.4	86	30	28	5	302	0	0	9	0	6.92	2.90	1.87	2	.0	0		7	5	4
LEXINGTON WB AIRPORT R	68.0	46.3	57.2	2.8	84	29	28	5	251	0	0	5	0	9.30	5.26	2.76	23	T	0		9	6	3
MAYSVILLE SEWAGE PLANT	67.9	41.9	54.9	.9	85	30	26	5	310	0	0	6	0	7.39	3.61	2.25	2	.0	0		11	4	3
MOUNT STERLING	72.1M	45.1M	58.6M				27	5	209	0	0	4	0	8.07	3.93	2.21	1	.0	0		8	6	3
OWENTON	67.0	45.0	56.0		85	30	30	5	280	0	0	3	0	7.32		2.35	2	.0	0		8	4	4
RICHMOND	68.6	46.0	57.3		86	30	29	5	243	0	0	3	0	7.39		1.97	2	.0	0		8	7	2
SHELBYVILLE	67.6	43.1	55.4	.4	85	30	28	5	294	0	0	6	0	9.29	5.10	2.97	2	.0	0		8	4	4
WARSAW MARKLAND DAM	68.8	41.4	55.1	1.1	88	30	28	5	305	0	0	7	0	5.77	1.89	1.91	2	.0	0		9	3	2
WAYNESBURG 7 NE	70.8	46.8	58.8		85	30+	29	3	204	0	0	3	0	9.04		3.30	28	.0	0		7	5	4
WILLIAMSTOWN 3 NW	69.2	45.4	57.3	2.5	85	30+	28	5	248	0	0	3	0	9.38	5.38	3.06	2	T	0		10	5	3
DIVISION			57.0	1.5										8.14	4.24			T					
* * * EASTERN 04																							
ASHLAND	69.1	41.0	55.1	- 1.2	88	30	22	5	309	0	0	8	0	4.09	.70	1.36	2	.0	0		9	3	1
BARBOURVILLE	72.3	42.2	57.3		87	30+	27	8	250	0	0	7	0	6.89		1.94	28	.0	0		8	4	3
BAXTER	71.1	41.4	56.3		86	30+	26	4+	278	0	0	8	0	6.55		2.44	28	.0	0		8	4	3
BLAINE	70.4	36.9	53.7		88	30	21	6+	348	0	0	13	0	5.15		1.51	2	.0	0		10	5	1
CUMBERLAND	71.9	42.8	57.4		88	30	24	8	253	0	0	8	0	6.65		2.40	28	T	T	2	9	4	2

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 45

THE LIBRARY OF THE
JUN 24 1970
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY OAM	72.2	40.7	56.5		88	30	26	8+	272	0	0	10	0	5.74		1.25	2	.0	0		9	5	2
GRAYSON 5 SE	69.9	38.8	54.4		89	30	21	5	327	0	0	9	0	4.32		1.45	2	.0	0		7	3	1
HEIOELBERG LOCK 14 R	74.8	42.6	58.7		89	30	25	8	222	0	0	6	0	9.13	5.46	1.97	2	.0	0		10	6	4
HINOMAN 11 NNE	71.5	40.8	56.2		88	30	25	5	276	0	0	8	0	6.27		1.40	28	.0	0		11	5	3
HYOEN	71.2	40.0	55.6		88	30+	25	8+	293	0	0	9	0	6.02		2.19	28	.0	0		8	4	2
JACKSON	72.7	41.5	57.1		88	30	28	8+	255	0	0	9	0	7.66		1.56	2	.0	0		9	6	4
LONOON FAA AP	72.0	44.2	58.1		87	30+	29	3	233	0	0	5	0	6.31		1.76	27	T	0		8	4	3
MANCHESTER 4 SE	73.9	43.2	58.6		89	30	26	8+	225	0	0	7	0	7.55		3.02	28	.0	0		8	4	3
MC KEE	70.2	39.1	54.7		87	30+	25	8+	319	0	0	10	0	8.06		2.14	28	.0	0		8	6	2
MIDDLESBORO	70.2	42.1	56.2		85	30	26	4+	276	0	0	6	0	7.05		1.74	2	.0	0		10	4	3
MONTICELLO	74.0	46.1	60.1		88	29	26	3	199	0	0	6	0	5.94		1.81	2	.0	0		10	4	2
MOUNT VERNON	74.3	46.2	60.3		91	29	29	5	182	1	0	3	0	9.23		3.00	28	.0	0		9	8	3
PIKEVILLE	75.1	46.0	60.6		93	30	30	8+	176	2	0	3	0	3.89	.24	.79	28	.0	0		10	4	0
SOMERSET 2 N	72.0	45.7	58.9		86	29	28	3	219	0	0	5	0	7.14		2.41	28	.0	0		8	5	2
STEARNS	71.6	45.2	58.4		87	30	22	3	221	0	0	3	0	5.57		1.75	2	.0	0		10	3	2
TOMAHAWK 1 WSW	69.6M	39.4	54.5M				19	8	359	0	0	10	0	5.84		1.51	2	.0	0		8	7	1
VANCEBURG	72.9	42.9	57.9		90	30	21	5	240	1	0	5	0	7.01	3.32	2.33	2	.0	0		11	5	2
WEST LIBERTY	69.9	40.0	55.0		86	30+	25	9+	316	0	0	9	0	6.71		1.90	2	T	0		9	6	3
WILLIAMSBURG 1 E																							
OIVISION			57.0	.3										6.47	2.72			T					

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	93	DATE	30
LOWEST TEMPERATURE FALMOUTH 5 WNW	18	OATE	05
GREATEST TOTAL PRECIPITATION ADOISON OAM 45 //	16.87		
LEAST TOTAL PRECIPITATION PIKEVILLE	3.89		
GREATEST 1 DAY PRECIPITATION ADDISON OAM 45 //	5.65	OATE	28
GREATEST TOTAL SNOWFALL 12 STATIONS	T		
GREATEST OEPTH OF SNOW 3 STATIONS	T	OATE	02

See Reference Notes Following Station Index

KENTUCKY - APRIL 1970

SPECIAL WEATHER SUMMARY

April 1970 was a rainy, stormy month. Temperatures were on the cool side the first week and seasonable to warm thereafter. The greatest April rainfall totals of record were observed at a number of locations. There were three periods of especially heavy rain which resulted in flooding in one or more areas; the 1st-2d, 23d-24th, and 27th-28th. At least 4 tornadoes touched down during the month.

The heavy rains of the 1st-2d brought serious flooding to several counties, especially in the north-central. In the Louisville area new rate-of-fall records for April were set for time intervals of 15 minutes to 180 minutes, and for 24 hours. In this area serious flash flooding caused the most damage to residential property and to automobiles. The heavy rains of the 23d and 24th drove small streams in several sections to near bankfull. The heavy rains of the 27th-28th fell on much of Kentucky from the northwest to the southeast. In the central area damage was especially heavy along the Rolling Fork of the Salt River, as the water rose to levels which were higher than any in memory. There was moderate flooding along the Lower Cumberland Basin and flooding in other sections of eastern Kentucky.

Tornadoes hit Graves and Jefferson Counties on the 1st, Scott County on the 23d, and several extreme western counties on the 24th. There were no fatalities, and only relatively minor injuries were reported, these with the storm on the 24th. There was some damage with each storm, probably the greatest damage occurring with the storm of the 24th. There were a number of windy days, the 19th having the highest reported wind speeds, ranging from 65 to 75 m.p.h. in several sections.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issue of STORM DATA. See the April 1970 issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY for further details concerning river and flood conditions since this summary was written before such data processing was completed.

DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	23	24	25	26	27	28	29	30	31
WESTERN 01																																
BARDWELL 4 E	10.38	3.30	.17										T	.17				.51	T	1.31	.29		T	2.16	1.97	.02		.45	.03			
BEAVER DAM	5.42	.92	1.40											.20					.04	.08	.06		.03	1.56	.74			.04	.35			
CALHOUN LOCK 2	9.47		3.73											.35	T	T	T	.06	.07	.46	.36	.02		1.12	2.48	.03	.02		.68	.09		
COBB	4.24		1.63											.14							.52			.27	1.08		.10		.50			
DAWSON SPRINGS	6.72		2.50											.36				.53		.06	.50			1.40	1.22		T	T	.15			
DUNDEE 4 ESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNMOR	4.49		2.06											.27				.05			.87			.17	.70		.32		.05			
ELKTON 2 S	5.61		2.32	.02										.23				.05	.15		.68			.04	1.16	.05	.25		.55	.11		
FORDS FERRY DAM 50	8.17		1.96											.45				.30	T	1.15	.73	T		1.15	1.80	.08	T		.55	T		
FRANKLIN 1 E	5.91		2.78											.13				.14	.19		.71			.17	.47	.05	.29		.50	.48		
GILBERTSVILLE 1 SE	5.27	.67	.64											.40				.23		.82				1.32	1.02	T	.03	.08	.06			
GOLDEN POND 8 N	4.84		1.43	T										.32				.08			.90			.30	1.11	.02	.11		.57			
GREENVILLE 2 W	6.86	.85	1.10											.45	.05			1.12		.46	.20			1.35	.82		.12	.30	.04			
HARTFORD 6 NW	8.05		3.08	T				T						.29	T			.12	T	.05	.24	T		.84	2.47		.07	T	.68	.21		
HENDERSON 7 SSW	6.69	.46	1.04				T							.29	T			.09	.19	.74	.14	.05	T	1.91	1.09	T	.03	.18	.48			
HICKMAN 1 E	6.71	.17	.75										T	.05					T	1.80	.20		T	.51	2.01	.65	.10	.45	.02			
HOPKINSVILLE	5.55		1.74											.42				.05	.04		1.10			.02	.92		.18		.91	.17		
LOVELACEVILLE	8.72	3.00	.30											.40						1.13	.26			1.85	1.50	T		.28				
MADISONVILLE 1 SE	9.03		3.45								T			.44				.86		.15	.47	.03		1.33	1.95	.05			.30			
MAYFIELD RADIO WNGO	-	.49	1.32											.36		T			.58	1.12	.58			-	-	.18	.24	.69	T			
MURRAY	6.20		1.95											.56				.16		.02	1.01				1.04		.61		.85			
OWENSBORO 2 W	11.79	1.73	3.71											.15	T			.05		.17	.45			2.65	1.53				1.35			
OWENSBORO DAM 46	10.42		3.66											.21	.01	T			.03	.11	.39	.04		2.06	2.17	.15	.01		1.41	.17		
PADUCAH FAA AIRPORT	8.69	2.57											.96	.05				.43	.06	1.52	T		.02	1.49	1.23	T		.36	T		T	
PADUCAH	6.84	1.07	1.28											.45				.11		.97	.08			1.53	1.03			.32				
PARADISE STEAM PLANT R	7.25		1.95	.03										.64		T		T	1.24		.72			.55	1.50	.07	.08	T	.45	.02		
PRINCETON 1 SE	5.63	.45	1.30											.45				.18	T	.80	.18			1.12	.92	T	.03	.20	T	T		
ROCHESTER LOCK 3	6.89		2.09											.48				.94	*	*	1.36			.34	1.07			.07	.49	.05		
RUSSELLVILLE	5.62		2.50											.33				.07	.15		.65			.05	1.12	.05	.20		.50	T		
SEBREE	7.79		2.80											.30				.27		.56	.40	.05		1.38	1.51		T		.52			
UNIONTOWN DAM 49 //	5.98		1.30											.25	T	T		T	.07	.56	.80	.13		.74	1.08	T	.03		.97	.05		
CENTRAL 02																																
ADDISON DAM 45 //	16.87		4.55	T				T						.23	.03	.02				.17	.58	.02		2.98	1.92	.05	.02		5.65	.65		
ALBANY 4 N	5.21		1.65											.05		.05		.10	.12		.92			.15	.60		.35		.58	.64		
ANCHORAGE	10.09	.83	3.57										T	.23	.06					.09	.43		T	2.07	1.09		.01	.73	.98			
BARDSTOWN NAZARETH COL	12.06	.94	1.78	.02			.03							.21	.02			.30		.09	.45		T	2.11	.77	T	.24	.12	4.98			
BARREN RIVER RESERVOIR	5.58		2.51	.02				T						.06		.03		.04	.21		.79			.12	.60	.08	.21	.02	.78	.11		
BERNHEIM FOREST	9.70	.60	1.36				.02						T	.15	T					.04	.29		.01	2.26	.98		.06	.29	3.64			
BOWLING GREEN	6.97		2.85				T							.50				.02	.15		.60			.05	1.20	T	.10		1.25	.25		
BOWLING GREEN FAA AP	7.01	3.22	.03				T						T	.36	T			.23		.58			.08	T	.89	.11	.02	1.36	.13			
BRADFORDSVILLE	9.70		2.18				.10														1.20			.60	.60		.09		4.60	.33		
BROWNSVILLE	4.84		2.74	T				T						.22		T		.07	.11	T	.46			.09	.65	T	.07	T	.38	.05		
BURKESVILLE 2 W	6.61		1.81											T		.09		.08	.19		1.59			.09	.77	.19	.28	.04	.55	.93		
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CANEYVILLE	8.51		2.55											.31				.08			.82			.67	1.81	.05	.08		.67	1.47		
CECILIA	11.84	.72	1.42				T							.24	.03			.23		.14	.38			1.99	1.13		.16	.30	5.10			
EDMONTON	6.64		2.25											.18					.18		1.21				.52	.08	.10		1.64	.48		
GAMALIEL 1 S	7.68		2.64	T			T	T						.28		T		.16	.15		1.68			.14	.80	.28	.25	T	.80	.50		
GLASGOW	7.01		2.70				.06							.09		.06		.17	.03		.96			.17	.73	.04	.18		1.66	.16		
GLASGOW WKAY	7.65	.72	2.55				.03							.07	T			.19		.54	.42		.23	.11	.62	.11	.08	1.60	.38			
GLENDALE 1 E	12.04		2.60											.25					.04	T	.57			.81	2.20	T	.22		4.25	1.10		
GREENSBURG	6.33		2.52	T				T		T				T		.02		T			.96			.09	.73	.02	.05		.70	1.24		
GREENSBURG HIWAY 61	6.60		2.43	.03			T	T						.08		.02					.94			.12	.69	T	.09		.87	1.33		
HODGENVILLE-LINCOLN NP	11.87	1.03	2.57				T							.35	.05						.75			.62	.63	T	.80	.42	4.65			
IRVINGTON	14.35	.80	3.58				.01						.01	.50	.02					.10	.67			2.17	.91	.01	.01	.27	5.29			
LEITCHFIELD 2 N	9.15		2.16	.01				T						.29		.04				T	.59			.55	1.91	.05	.15		.91	2.49		
LIBERTY	7.93		2.03	.04				.04						.18		.06			.09		.96				.91	.14	.14		2.48	.86		
LOUISVILLE	9.11	.44	3.21											.30	.03				T	T	.31	T	T	2.39	.79		.01	.50	1.13			
LOUISVILLE WB AP R	11.10	4.08	.77				T						T	.26	.08			T	T	.50	T	T	T	2.79	.91	.01	T	.26	1.44			
LOUISVILLE UPPER GAGE	8.51		3.10				T							.25	T	.08				.04	.46	T		1.36	1.32	.03	T		1.15	.72		
MAMMOTH CAVE PARK	7.03	.25	3.05	T										.32	.03	T		.20			.62			.11	.68		.07	T	1.68	.02		
MILLERSTOWN	9.80		3.36											.26		.07			.06	.01	.58			.54	1.21		.07		3.10	.54		
MUNFORDVILLE	6.40		3.20											.35		.10	T	T	T	T	.65			.30	.65		.10		.60	.45		
NOLIN RIVER RESERVOIR	5.91		3.45	T										.32		.05		.05	.07	.03	.40	.02		.27	.66	T	.05	T	.32	.22		
ROUGH RIVER DAM	8.78		2.58	T				.05						.35	T	.07				.05	.73			1.20	1.80	.05	T		1.20	.70		
SCOTTSVILLE 3 SSW	6.38	.37	1.89				.02							.33				.28		.55	.65		.23	.08	.71	.13	.11	.35	.68			
SCOTTSVILLE 2 SW	4.95		2.15				T							.28		T		.05	.10		.90			.12	.55	T	.15		.30	.35		
SHEPHERDSVILLE	8.60		2.40				T													.07	.30			1.82	1.67			T	*	2.34		
SUMMER SHADE	5.98	.50	1.89										T	.25	.05			.25		T	1.30		.02	T	.77	.04	.14	.28	.49			
WOLF CREEK DAM	6.44		1.78				T	.08						.07		.07		.08	.09		1.10			.04	.79	.10	.28	.05	.63	1.28		
WOODBURY LOCK 4	6.21		2.98	.02										.27				.80	.20		.51			.16	.80		.06		.36	.05		
BLUE GRASS 03																																
BEREA COLLEGE	10.16	.47	1.80				.09							.13	.04			T		.60				1.05	.63		1.58	.39	3.38			
BEREA	10.35		2.30	.03			T	.08						.06	.13	.02					.70			T	1.34	.38	1.01	.62	2.69	.99		
CARROLLTON LOCK 1	6.86		1.77	T		T		.08						.15	.04					.36	.30	.05		1.08	1.06	.09	.02		1.45	.32	.09	
COVINGTON WB AIRPORT R	7.19	1.53	.86		.02		.13						T	.21	.04		T		.01	.81	.01	.01	T	.91	1.26	.13	.02	.40	.05	.79		
CYNTHIANA	8.47		2.18					T						.13	.03	T				.32	.58			1.33	1.26	.04	.23		1.72	.59	.06	
CYNTHIANA 2	8.20		2.00											.14	.04					.30	.61			1.27	1.20	.05	.15		1.98	.38	.08	
DANVILLE	8.80		2.06	.02				.01						.11		.03			.21		.84			.23	.60	.14	.40	.10	2.78	1.27		
DIX DAM	8.92		1.74	T			.04	.03						.18	T	T				*	.85			.59	1.12	.03	.44	.09	3.34	.47		
FALMOUTH 5 WNW	10.25		3.44	T		T		.04						.09	.02					.33	.36			1.12	1.72	.05	.06		.12	.09	2.81	
FARMERS 1 WNW	7.73		1.67	.30				.14								.04					.57			1.14	1.47	.42	.21		1.38	.35	.04	
FLEMINGSBURG	6.98		2.38	.08				.10							.15	.01				.33	.63			.54	1.14	.10	.10		.85	.45	.12	
FLEMINGSBURG 1 SW	6.77	.92	1.33				.05							.06	.18					.32	.61			.93	.81		.10	.59	.73		.14	
FORD LOCK 10	7.87		1.87	T				T						.04	.02	.13		T	T		.76			.36	.96	.29	.48	T	2.00	.85	.11	
FRANKFORT LOCK 4	6.92		1.87					T						.07	.02					.12	.27		T	1.26	1.52	.06	.07		1.09	.57		
GEORGETOWN WATER WORKS	7.72		2.38											.14						.13	.60			1.29	1.35				1.27	.56		
GEST LOCK 3	8.95		3.41					T						.13	T					.10	.27	T		1.09	1.62	.03	.06	T	2.06	.18		
HIGH BRIDGE LOCK 7	7.81		2.00	T				.02						.11	T	T				.02	.72			.75	1.13	.08	.20		2.04	.74		
KEENE 1 SSW	9.94		2.42												.18			.13			.92				1.14	2.27	.20		2.48	.20		
LA GRANGE 1 ESE	9.17	.66	2.82				.02					T		.24	.06					.04	.31	.01	.22	1.79	1.12		.04	1.26	.58	T		
LANCASTER	9.59		2.13	.03				.09						.07		.05					1.02			.42	.72	*	.82		3.02	1.22		
LEXINGTON WB AIRPORT R	9.30	1.80	.72				.01							.15	.07		T			.65	.15	T	T	2.76	.37	.06	.04	.70	1.82			
LITTLE HICKMAN LOCK 8	8.83		1.87											.21	T	.03					.78			.46	1.13	.06	.63	.22	2.65	.79		
LOCKPORT LOCK 2	11.78		5.01					.07						.23	.04					.08	.35	T		1.34	2.02	.03	.04		2.35	.22		
MAYSVILLE SEWAGE PLANT	7.39		2.25	T			T	.26						.03	.22	.05		T		.41	.52	T		1.30	1.68	.05	.10		.20	.20	.12	
MIDWAY	7.08		2.45											.12	T					.06	.58			.91	1.50		.15		.96	.35		
MOUNT STERLING	8.07	2.21	T				T							.08	.02		T	T		.68				1.51	.59		.31	1.50	.80	.37		
OWENTON	7.32		2.35				T	.06						.11	.05	T				.19	.29	T		1.30	1.50		.05		1.31	.11		
RICHMOND	7.39		1.97					.10						.08	.05	.04			T		.70			.50	.63	.02	.60	.04	1.87	.77	.02	
SALVISA LOCK 6	10.38		2.76	T						T				.23	.02	T			T	.11	.82			.99	2.41	T	.13	T	2.21	.70		
SHELBYVILLE	9.29		2.97											.16	.03	.02				.14	.29			1.94	2.05	.04	.02		1.15	.48		
SPRINGFIELD	12.26		3.55	T			T							.16					.10		.62			.67	.83		.18		4.25	1.90		
TAYLORSVILLE	9.19		2.12	T				T						.30	T	.07				.04	.36			1.40	2.05	.06	.07	T	2.32	.40		
TYRONE LOCK 5	9.49		3.04	T				.03						.20	.01	.03				.03	.52			.75	2.25	.06	.20		1.41	.96		
VALLEY VIEW LOCK 9	9.27		1.97	.24				T						.08	T	T			.17	T	.80			.59	1.32	.12	.32		2.92	.74	T	
WARSAW MARKLAND DAM	5.77		1.91	.01				.02						.15	.05	T				.42	.36	.04		.56	1.34	.13	.03		.47	.19	.09	

DAILY PRECIPITATION

Continued

KENTUCKY
APRIL 1970

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	9.04		1.85	.07				.06								.06					1.00			T	1.48	.24	.28	T	3.30	.68		•
WILLIAMSTOWN 3 NW	9.38	.80	3.06	.01	T		.08	.04						.06	.02		T			.23	.27	.03	.05	1.81	1.22	.01	.20	.40	.30		.79	•
• • •																																
EASTERN 04																																
ASHLAND	4.09	T	1.36	.03				.10							.12	.19					.81			.05	.95	.15	.04		.10	.13	.06	•
BARBOURVILLE	6.89		1.60	.02				.09							.18	.06		T	.02		.80			T		.34	.17	.22	1.94	1.45		•
BAXTER	6.55		1.47	T			T	.09							.10	T			T		.78			T	T	.17	.20	.20	2.44	1.10		•
BLAINE	5.15		1.51	.03				.21							.21				.10		.58				.71	.27	.18		.82	.53		•
BUCKHORN	5.20		1.21	T				.10						T	.06	.05			T		.64			T	.45	.30	.19	.15	1.33	.72		•
BURDINE 2 NE	5.12		.85	T				.25							.35						.30					.20	.10	.40	2.20	.47		•
CLAY CITY 1 WNW	9.59		1.85											.10	.10	.05					.75			.40	.65	.20	.68		2.35	.76	1.70	•
COLLEGE HILL LOCK 11	8.22		1.93					T						.10	.06	.04					.82			T	1.26	.06	.35	2.20	1.02	.02	.36	•
CUMBERLAND	6.65	.12	1.33	T			.16	.06		T				.02	.06			.10			.88		T	T	.32		.42	.78	2.40			•
CUMBERLAND FALLS ST PK	4.99	.07	1.07				.11								.12			.10			.46		.03		.44		.39	.87	1.33			•
DEWEY DAM	5.74		1.25	.04			T	.14							.47	.04			.05		.50				.40	.25	.55	.05	1.10	.90		•
ELKHORN CITY	5.28		.87	.02				.26							.28	.05		.05	T	.03	.60			.29	.20		.45	.05	1.35	.76	.02	•
FISHTRAP RESERVOIR	5.18		.84	.01			T	.13							.25	.10					.53				.52	.20	.27	.28	1.10	.92	.03	•
FREEBURN 2 SW	5.04		.78	.05				.22							.35	.04					.56				.48	.34	.45	.06	.93	.78		•
FRENCHBURG	7.80		2.10	.20										.20							.70				1.18			.20	2.20	.50	.52	•
GRAYSON 5 SE	4.32		1.45	T				.14							.19	.08					.63			T	.90	.05	.08		.38	.42		•
GRAYSON RESERVOIR	4.59		1.62					.07							.13	.04					.55			.23	.72	.05	.10		.65	.43		•
HAZARD WATER WORKS	5.87		1.30					.16							.07	.02					.54			.10	.60	.30	.25	.35	1.30	.88		•
HEIDELBERG LOCK 14 R	9.13		1.97	.04				.09			T			T	.27	.12					.66				.49	.45	1.24	.92	1.86	1.02		•
HINDMAN 11 NNE	6.27		1.26	.10	.05			.18							.15	.04					.51				.36	.23	.80	.12	1.40	1.07		•
HYDEN	6.02		1.48	.03				.10						.01	.02	T					.60				.11	.34	.20	.09	2.19	.85		•
JACKSON	7.66		1.56					.07							.30	.03					.68				.37	.34	1.10	.64	1.42	1.13	.02	•
JEREMIAH	4.85	.38	.77	.02			.19							.11	.06	T					.47		T	T	.21	T	.30		2.30	.04		•
LLOYD GREENUP DAM	6.44		2.33	.06				.22							.13	.04				T	1.08			.30	1.85	.05	.04		.20	.06	.08	•
LONDON FAA AP	6.31	.38	1.03				.11						T	T	.09			T		.66			.01		.41	.23	.08	1.76	1.55			•
LOUISA 2	4.60	.02	1.45	.05			T	.20							.35	T				.04	.49				.73	.20	.16		.41	.50		•
MANCHESTER 4 SE	7.55		1.37					.08							.16						.84				.18	.48		.27	3.02	1.15		•
MARTIN	7.13		1.07					.12							.22	.18					.53				.55		.30	1.31	.80	2.05		•
MC KEE	8.06		2.08	T			.08	.09						.07	.09	.05					.86			.09	.86	.20	.56	.20	2.14	.69		•
MIDDLESBORO	7.05		1.74	.02				.16							.09	.05		.05	.14		.96			.24		.42	.20	.29	1.67	1.02		•
MONTICELLO	5.94		1.81	.02				.03						.03		.06		.03	.11		.82			.19	.57	.16	.22	.14	.38	1.37		•
MOUNT VERNON	9.23	.70	1.49				.06						T	.12	.02			T	T		.94			.56	.80		.50	1.00	3.00	.04		•
ONEIDA	5.98		1.27					.10								.05					.48				.10	.40	.34	.12	2.13	.99		•
PAINTSVILLE 1 S	6.33		1.35	.04				.30							.36						.60				.50		.97		1.14	1.07		•
PIKEVILLE	3.89	.13	.77				.10							.26	.21			.01		.01				.52	.10	.01	.65	.33	.79			•
PINEVILLE 4 NW	6.55		1.10	.02			.07	.14								.09		.06	.05		.81			.11	.11	.15	.19	.20	2.80	.65		•
RAVENNA LOCK 12	9.12		2.04	.02				T						.01	.04	.05					.73			T	1.12	.43	1.37	.17	2.20	.92	.02	•
SALYERSVILLE 2 SE	7.15		1.82	.02											.32	.02					.45				.52	.20	.99	.05	1.74	1.02		•
SOMERSET 2 N	7.14	.47	1.03				.07						.02	.05	.10			.01			.95				.83		.38	.82	2.41			•
STEARNS	5.57		1.75					T						.05		.07		.08	.12		.70			.14	.38	.18	.36	.13	.46	1.15		•
TILFORD	6.51	.16	.25								.14	T	.54	.13	T					T	.64				T	.88	T	.77	3.00			•
TOMAHAWK 1 WSW	5.84	.03	1.51	.11	.04		.04								.54	.02				.04	.65				.74	.02	.53		.70	.87		•
VANCEBURG	7.01	.25	2.33				.21	.02						.12	.11					.50	.78			1.44	.69		.03		.43		.10	•
WEST LIBERTY	6.71	T	1.90	.05			T	.10			T				.13	.02					.66			T	.80	.24	.53		1.10	1.14	.04	•
WILLIAMSBURG 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
WILLOW LOCK 13	8.94		2.16	T				.03						T	.06	.05					.60			T	.77	.35	1.22	.20	2.42	1.00	.08	•

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time EASTERN 01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
INGTON WB AIRPORT	21	2.7	10.8	40++	25	02	65	71	48	51	3	7	4	4	2	0	20	-	6.7
INGTON WB AIRPORT	20	4.2	10.5	35++	22	13	68	77	54	53	3	4	3	3	2	1	16	-	6.5
ISVILLE WB AIRPORT	21	3.0	10.2	40	SW	02	70	77	53	53	8	2	2	3	1	2	18	54	6.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

KENTUCKY
APRIL 1970

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	67	61	65	54	60	65	68	79	74	75	77	74	68	57	69	79	74	75	73	77	73	75	76	72	67	79	80	83	83	84		72.1
	MIN	45	38	31	39	33	32	38	36	42	44	40	45	47	35	44	47	59	57	60	48	40	50	54	54	52	54	59	71	69	66		47.6
BEAVER DAM	MAX	63	67	65	65	56	62	65	80	78	72	78	76	75	61	69	80	79	76	75	76	75	81	74	70	71	78	75	82	85	87		73.2
	MIN	47	37	29	41	35	34	27	38	53	35	39	41	53	44	36	50	58	54	62	49	43	48	55	57	48	59	58	62	66	65		47.4
FORDS FERRY DAM 50	MAX	67	50	65	50	57	61	67	82	68	73	79	76	64	51	71	77	72	73	72	78	70	78	76	71	70	80	78	85	84	88		71.1
	MIN	45	31	35	40	36	41	34	44	45	41	46	47	45	44	40	53	57	56	53	52	46	48	55	52	50	59	61	71	71	67		48.8
GILBERTSVILLE 1 SE	MAX	69	69	68	64	57	68	67	81	77	77	79	77	74	59	69	81	77	78	78	80	77	79	75	72	69	82	80	83	85	88		74.6
	MIN	48	38	38	40	40	42	36	43	52	40	43	44	54	47	37	52	58	57	62	52	45	55	55	56	54	59	65	69	66	67		50.5
GOLDEN POND 8 N	MAX	66	74	54	69	58	59	69	70	83	73	76	76	77	69	55	68	78	72	79	71	78	75	78				80	79	83	83		72.3
	MIN	43	38	33	41	39	39	35	35	54	41	45	49	52	47	39	47	59	55	62	52	43	55	59	56	53	59	59	62	64	65		49.3
GREENVILLE 2 W	MAX	65	68	65	64	55	64	66	80	77	74	77	73	73	59	68	80	75	75	74	78	76	80	73	72	68	77	78	80	84	87		72.8
	MIN	49	36	31	40	35	39	30	31	52	37	38	42	51	41	35	49	58	54	62	48	42	47	55	55	49	59	57	71	61	65		47.3
HENDERSON 7 SSW	MAX	62	66	65	60	56	63	64	79	71	72	78	74	69	55	67	78	74	73	72	77	73	77	74	70	70	76	76	84	82	87		71.5
	MIN	44	36	35	39	34	41	33	43	48	43	45	48	52	45	39	52	58	53	62	49	43	55	54	55	52	60	60	64	68	69		49.3
HICKMAN 1 E	MAX	73	72	66	62	57	70	66	79	79			74	70	62	70	79	78	78	78	78	76	76	76	73	67	80	81	82	84	85		74.0
	MIN	50	39	35	41	41	41	36	40	41			48	52	45	37	49	58	58	61	48	41	53	56	56	56	57	62	72	70	67		50.4
HOPKINSVILLE	MAX	66	68	50	68	59	57	66	65	81	72	76	78	73	73	51	66	83	72	78	71	79	74	81	82	71	66	78	78	83	84		71.6
	MIN	40	38	32	33	39	39	34	36	38	40	43	45	54	42	37	39	52	53	58	49	42	47	59	59	52	52	59	60	69	65		46.8
LOVELACEVILLE	MAX	66	63	66	57	59	69	68	81	71	76	80	77	70	55	71	81	75	75	70	78	73	77	73	72	67	82	81	82	83	87		72.8
	MIN	47	38	30	39	40	36	32	37	52	35	41	44	48	45	33	50	51	56	65	48	40	50	61	61	52	58	58	70	70	66		48.4
MADISONVILLE 1 SE	MAX	65	65	65	64	57	63	66	79	75	74	77	75	72	59	69	80	77	76	72	77	77	79	75	72	69	78	78	82	83	86		72.9
	MIN	48	38	34	40	37	38	32	38	52	42	40	42	50	44	37	49	58	54	63	51	45	49	53	48	49	59	57	70	65	66		48.3
MAYFIELD RADIO WNGO	MAX	69	69	57	59	60	70	70	80	76	77	81	79	74	59	72	82	80	78	77	80	81	80			63	82	80	82	84	88		74.6
	MIN	44	37	39	38	42	35	31	34	53	35	39	43	50	43	33	46	52	55	66	49	46	48			51	57	52	69	69	65		47.2
MURRAY	MAX	64	71	54	66	58	58	68	67	80	71	75	78	77	68	53	70	79	74	80	70	79	71	76	82	70	65	79	79	81	83		71.5
	MIN	47	38	34	42	38	39	35	40	53	43	43	46	53	44	36	50	60	55	64	48	42	51	60	61	55	60	59	64	67	66		49.8
OWENSBORO 2 W	MAX	62	64	65	54	58	63	65	79	69	71	77	75	70	56	70	80	75	78	70	75	75	75	73	68	72	77	75	82	82	86		71.4
	MIN	41	37	33	36	29	39	38	39	48	39	42	45	52	43	39	51	56	54	63	46	41	42	55	55	52	59	59	60	66	67		47.5
PADUCAH FAA AIRPORT	MAX	67	51	63	52	56	66	65	78	69	74	76	74	60	52	67	77	73	71	72	76	70	77	75	71	63	78	79	81	83	84		70.0
	MIN	47	38	38	39	40	40	34	41	48	44	46	50	51	40	35	51	59	57	53	50	45	52	55	55	53	59	62	71	71	69		49.8
PADUCAH	MAX	68	63	65	65	56	65	64	80	78	76	78	77	75	58	68	80	77	71	72	78	77	78	76	71	70	80	80	82	83	85		73.2
	MIN	47	37	37	40	40	42	36	41	52	39	44	46	45	47	36	51	59	58	59	51	45	54	55	54	54	58	61	72	68	67		49.8
PRINCETON 1 SE	MAX	67	68	65	62	58	64	65	79	75	74	78	77	73	58	68	79	76	76	74	77	77	78	75	72	70	79	80	81	83	87		73.2
	MIN	49	36	35	39	37	38	30	42	51	37	44	52	52	43	35	51	57	56	62	49	43	53	53	55	51	59	63	70	68	68		49.3
ROCHESTER LOCK 3	MAX	63	68	47	64			62	65	79	67			72	73	50	69	80			74	76	72	80	73			77	75	78	84		70.4
	MIN	40	39	35			38	31	31	38	39		46		45	36	40	49			50	47	47	56	59			56	57	62	62		45.6
RUSSELLVILLE	MAX	64	70	48	65	60	57	65	64	79	70	69	75	72	75	51	66	75	74	78	74	75	70	80	81	68	69	72	78	79	86		70.3
	MIN	40	39	35	40	43	40	29	41	50	40	44	49	55	42	32	39	58	56	59	51	44	52	59	60	51	56	62	63	69	69		48.9
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	63	63	62	61	58	59	65	78	76	70	76	78	74	65	70	80	78	76	61	74	74	80	78	68	72	77	79	68	86	86		72.5
	MIN	40	35	29	37	29	39	29	38	51	39	35	42	54	41	40	49	54	45	52	47	44	49	55	57	45	60	56	61	64	69		46.2
BARDSTOWN NAZARETH COL	MAX	63	64	61	60	55	60	62	76	75	71	75	77	75	64	66	78	76	75	83	75	72	81	76	70	72	73	78	68	87	86		71.8
	MIN	39	36	33	39	28	41	33	40	53	42	33	40	57	43	42	46	56	46	57	50	45	47	53	59	47	57	56	58	64	63		46.8
BARREN RIVER RESERVOIR	MAX	64	70	45	64	60	60	64	65	80	60	74	79	73	77	50	70	81	74	80	84	76	72	82	82	69	71	78	76	75	86		71.4
	MIN	38	41	32	36	33	35	28	31	44	34	33	44	49	43	32	37	54	50	54	51	45	48	56	60	50	53	57	59	65	65		45.2
BERNHEIM FOREST	MAX	63	66	63	61	58	61	64	79	78	72	76	77	76	67	69	80	79	78	83	77	77	82	79	71	73	75	78	70	88	88		73.6
	MIN	38	36	27	36	28	36	26	30	52	30	32	35	56	44	38	44	52	44	55	49	45	43	59	59	43	58	51	60	62	66		44.5
BOWLING GREEN FAA AP	MAX	70	65	64	60	56	65	65	79	70	75	77	73	77	52	68	80	75	79	78	75	70	80	82	72	70	79	77	77	84	86		72.7
	MIN	47	34	32	36	35	37	30	34	44	40	38	42	52	37	32	50	54	50	55	49	46	48	68	53	49	59	54	64	62	65		46.5
BRADFORDSVILLE	MAX	63	64	55	64	57	59	62	66	76	69	73	77	77	77	52	78	79	75	83	86	78	76	83	74	74	74	77	79	82	87		72.5
	MIN	41	38	27	36	24	32	30	28	54	30	29	35	55	43	35	42	54	48	63	50	47	43	61	59	43	59	49	60	57	63		44.5
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	67	65	66	66	57	60	63	77	73	71	79	74	73	61	67	78	74	76	80	74	72	81	74	70	68	75	76	73	86	85		72.0
	MIN	42	42	30	39	28	43	28	35	53	33	34	38	50	43	36	49	54	48	62	48	45	46	57	58	54	55	54	58	63	68		46.4
GLASGOW WKAY	MAX	68	67	62	60	59	63	64	78	71	72	77	73	75	57	69	80	73	78	83	76	71	80	79	72	70	78	75	72	85	88		72.5
	MIN	46	36	29	40	32	35	32	35	58	35	39	40	56	42	33	51	59	52	60	50	44	46	67	59	48	60	54	61	61	63		47.4
GREENSBURG	MAX	64	66	42	63	60	61	62	65	78	71	74	78	78	78	48	70	80	76	86	87	78	71	83	83	67	74	78	78	69	88		71.9
	MIN	41	41	27	34	30	36	30	31	44	35	33	38	46	44	35	44	49	50	54	52	48	45	55	55	47	55	52	52	57	60		44.0
HODGENVILLE-LINCOLN NP	MAX	61	64	63	64	59	62	63	80	77	72	77	76	75	70	68	82	79	80	83	77	74	81	75	71	70	73	76	72	87	85		73.2
	MIN	41	36	28	40	29	37	28	40	54	36	36	41	55	42	36	50	56	50	63	42	44	49	61	57	45	59	55	58	63	68		46.6
IRVINGTON	MAX	62	65	60	63	62	60	62	79	79	70	75	76	73	67	67	79	80	75	76	73	73	79	77	68	71	74	77	72	85	85		72.1
	MIN	42	36	30	29	30	35	26	34	51	32	34	38	55	42	39	48	49	49	59	48	43	45	55	57	44	58	54	58	58	68		44.9
LEITCHFIELD 2 N	MAX	64	61	67	63	58	63	67	79	70	72	76	74	69	68	67	79	81	75	76	74	72	81	76	74	73	77	76	78	86	87		72.8
	MIN	43	31	31	41	32	39	28	31	54	34	33	42	56	43	37	47	55	51	58	48	44	46	63	60	45	58	54	61	61	65		46.4
LOUISVILLE	MAX	61	65	65	65	57	60	63	80	80	72	76	78	77	68	70	80	80	77	83	81	78	82	82	66	73	75	78	67	85	90		73.8
	MIN	44	36	36	36	33	45	37	41	53	45	42	48	57	44	46	52	56	49	56	51	49	52	53	57	50	60	59	60	65	65		49.2
LOUISVILLE WB AP	MAX	66	63	61	51	56	60	63	79	68	71	75	75	76	52	69	80	77	74	81	75	68	81	75	68	71	75	77	70	86	86		71.0
	MIN	41	38	37	37	31	41	35	36	50	39	39	41	50	45	44	49	54	47	55	52	47	48	58	52	47	60	56	62	65	69		47.5
MAMMOTH CAVE PARK	MAX	62	66	63	61	58	57	63	79	76	73	76	73	78	62	67	79	75	78	82	76	74	81	77	77	72	76	75	74	85	86		72.7
	MIN	47	35	30	40	32	32	29	34	55	33	40	39	54	41	30	48	58	55	62	47	42	40	65	57	45	59	52	61	63	65		46.3

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	63	67	45	65	58	59	62	66	79	69	74	77	72	77	49	70	79	74	79	82	76	73	80	74	69	72	78	77	78	85		70.9
	MIN	39	39	28	28	33	39	30	28	44	35	33	40	40	45	33	40	56	40	56	51	44	44	60	60	45	45	55	57	57	64		43.6
ROUGH RIVER DAM	MAX	63	68	45	64	56	59	61	66	79	71	73	77	74	74	50	70	79	75	78	75	75	71	79	70	69	73	77	77	79	84		70.4
	MIN	40	40	33	37	32	36	28	32	49	35	39	43	49	44	37	45	54	52	52	49	44	49	57	57	47	52	57	58	59	66		45.7
SCOTTSVILLE 3 SSW	MAX	69	69	64	62	58	64	65	80	74	74	77	77	77	65	67	80	73	78	81	77	72	80	84	78	68	77	74	73	84	86		73.6
	MIN	47	38	31	43	34	35	33	43	56	41	45	45	55	48	34	53	59	53	54	49	46	53	68	59	52	59	59	63	66	68		49.6
SUMMER SHADE	MAX	68	65	63	60	61	63	65	78	70	73	77	74	75	66	69	79	70	80	84	75	70	81	83	73	70	77	75	70	84	86		72.8
	MIN	46	38	28	40	34	35	29	39	59	35	40	40	56	42	32	48	57	49	68	50	40	46	68	55	49	60	55	62	64	65		47.6
WOLF CREEK DAM	MAX	67	68	48	64	60	62	63	63	79	71	74	77	78	77	49	68	80	75	81	85	78	73	83	87	67	75	76	77	65	89		72.0
	MIN	43	44	25	24	28	30	28	28	41	32	32	36	49	40	36	41	53	47	61	53	50	40	57	59	48	53	52	55	58	59		43.4
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	60	65	61	56	60	59	59	75	72	69	74	78	76	66	67	78	72	76	87	81	74	82	80	71	75	73	80	68	88	87		72.3
	MIN	43	36	33	40	29	40	32	38	52	41	35	43	54	42	42	46	58	48	63	51	50	46	62	58	48	58	58	59	52	69		47.5
CARROLLTON LOCK 1	MAX	60	65	62	62	56	58	64	76	76	67	70	75	75	70	68	76	78	75	82	77	73	78	78	66	71	74	78	71	86	86		71.8
	MIN	38	38	30	38	27	34	33	34	50	34	33	38	55	43	44	42	49	45	48	51	46	46	55	57	43	53	51	60	65	67		44.9
COVINGTON WB AIRPORT	MAX	63	64	59	48	55	53	60	76	66	63	68	75	75	56	67	77	77	67	72	69	65	76	72	65	71	76	77	74	86	86		68.6
	MIN	40	35	30	35	28	36	38	37	46	37	32	42	48	43	42	44	50	43	47	50	47	45	61	50	43	54	54	62	66	66		45.0
CYNTHIANA 2	MAX	53	64	45	61	48	57	59	60	76	68	68	71	77	77	53	69	78	78	73	81	72	67	80	70	65	70	76	80	71	85		68.4
	MIN	31	43	30	36	26	34	34	28	40	31	28	34	50	42	43	39	46	46	50	49	47	41	57	58	44	49	48	54	58	59		42.5
DANVILLE	MAX	57	63	46	62	57	56	59	61	76	68	71	75	77	76	48	68	79	71	78	84	74	69	81	69	71	72	73	78	65	87		69.0
	MIN	38	40	30	32	28	30	33	35	43	40	35	37	47	43	43	43	46	47	47	51	47	47	50	59	48	48	57	58	58	59		44.0
DIX DAM	MAX	61	63	60	60	54	59	58	75	75	69	72	75	76	75	65	77	77	76	83	83	72	78	78	70	69	73	78	68	85	85		71.6
	MIN	41	38	28	38	30	37	32	33	53	36	35	42	53	42	42	45	55	47	48	48	47	45	61	58	46	57	53	57	58	65		45.7
FALMOUTH 5 WNW	MAX	60	62	60	56	55	56	60	75	73	65	69	75	75	65	68	77	78	72	79	74	69	76	76	65	71	77	78	74	89	86		70.5
	MIN	32	36	26	36	18	26	26	27	44	28	26	32	45	42	34	37	45	38	48	50	44	39	58	57	39	54	47	59	62	60		40.5
FARMERS 1 WNW	MAX	64	64	59	57	57	54	59	75	71	67	72	79	78	61	69	76	75	78	84	83	73	82	78	72	72	72	72	72	88	89		71.7
	MIN	39	37	30	34	24	32	31	38	52	32	29	39	45	43	39	38	47	43	63	52	50	42	61	59	43	52	59	60	58	61		44.4
FLEMINGSBURG 1 SW	MAX	61	63	58	50	53	57	57	73	71	65	69	74	76	62	66	75	76	71	81	78	70	79	75	66	70	75	78	70	85	85		69.6
	MIN	38	36	30	37	25	35	38	30	51	39	30	41	48	42	40	43	50	43	48	51	51	45	62	60	43	55	50	60	60	65		44.9
FRANKFORT LOCK 4	MAX	56	64	48	62	55	55	55	62	77	68	69	74	75	75	59	64	77	78	72	84	74	68	81	80	67	71	75	78	69	86		69.3
	MIN	38	41	29	29	28	29	32	30	31	34	32	32	38	42	42	42	44	41	41	51	48	44	46	56	44	45	51	53	59	61		41.1
LEXINGTON WB AIRPORT	MAX	61	63	59	49	53	56	60	73	64	66	71	73	74	50	64	74	72	72	82	72	66	75	73	66	70	73	76	67	84	83		68.0
	MIN	41	32	30	30	28	38	31	38	49	40	36	45	50	43	43	49	53	46	55	51	49	51	59	53	47	58	56	59	62	68		46.3
MAYSVILLE SEWAGE PLANT	MAX	53	63	50	60	46	55	56	58	75	68	65	68	78	76	55	68	77	78	72	74	71	68	78	68	66	70	78	79	78	85		67.9
	MIN	38	40	32	33	26	29	36	30	33	38	31	32	39	43	44	40	44	45	45	49	50	43	48	55	44	46	50	50	60	63		41.9
MOUNT STERLING	MAX	63	64	60	59	53	61	68	75	70	68	72	78	77	70	67	77	75	76	84	81	72	80	80	69	73	74	78	80	86			72.1
	MIN	39	36	30	38	27	37	33	32	54	38	31	41	50	43	43	44	53	45	53	49	49	47	63	58	48	56	59	54	59			45.1
OWENTON	MAX	55	62	42	59	55	55	55	60	74	65	65	70	71	72	53	68	76	78	70	81	71	66	76	67	63	70	76	79	70	85		67.0
	MIN	39	40	32	34	30	31	35	36	43	43	38	39	44	41	43	45	52	46	46	49	45	46	51	60	51	52	58	60	61	61		45.0
RICHMOND	MAX	55	64	41	62	55	54	61	59	76	68	70	74	76	77	50	66	79	73	76	85	73	69	81	68	69	73	71	79	68	86		68.6
	MIN	38	41	30	37	29	35	31	38	49	38	38	44	54	45	41	47	55	47	52	49	48	49	53	58	47	55	56	59	58	60		46.0
SHELBYVILLE	MAX	56	64	43	60	49	54	59	61	75	67	68	74	75	73	53	66	76	77	73	80	71	66	78	69	66	71	75	77	68	85		67.6
	MIN	38	40	29	31	28	31	31	32	39	36	35	38	45	42	42	45	49	44	45	48	45	46	51	55	44	48	56	55	60	64		43.1
WARSAW MARKLAND DAM	MAX	59	65	52	60	60	61	55	62	76	65	62	72	76	76	55	67	78	77	68	75	73	67	79	72	62	73	75	79	74	88		68.8
	MIN	38	32	29	30	28	29	34	37	36	32	34	32	40	44	44	41	45	45	44	41	47	46	46	58	42	43	50	55	60	59		41.4
WAYNESBURG 7 NE	MAX	62	62	60	58	58	58	58	74	71	68	73	77	76	67	66	76	74	78	79	78	72	80	74	69	72	73	77	65	85	85		70.8
	MIN	40	35	29	39	30	38	31	38	54	38	36	46	53	42	38	47	56	47	63	49	47	49	62	58	45	56	55	58	58	66		46.8
WILLIAMSTOWN 3 NW	MAX	58	62	60	55	53	55	60	75	71	65	69	73	73	64	65	76	78	68	81	70	67	76	73	65	70	75	77	71	85	85		69.2
	MIN	40	36	30	36	28	37	32	39	48	37	33	42	53	41	41	48	55	42	47	49	45	48	56	57	47	55	55	59	63	63		45.4
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	50	65	62	61	49	53	55	58	76	68	65	66	77	78	52	67	78	78	71	79	74	69	81	71	72	74	77	81	78	88		69.1
	MIN	35	40	32	33	22	26	39	28	32	32	28	30	37	43	44	36	36	45	48	50	54	40	51	59	42	46	49	51	60	63		41.0
BARBOURVILLE	MAX	62	70	59	61	64	62	60	69	78	71	71	75	79	77	50	70	80	73	81	87	75	72	83	83	73	79	74	78	66	87		72.3
	MIN	39	40	36	38	29	30	32	27	29	31	32	35	36	39	42	38	40	47	50	52	55	40	45	64	49	50	54	54	56	56		42.2
BAXTER	MAX	65	62	59	62	65	61	58	63	75	69	70	75	78	77	50	69	78	70	83	86	74	71	83	81	73	80	67	77	66	86		71.1
	MIN	39	39	26	26	30	31	34	27	27	33	32	32	45	39	41	38	39	48	41	54	54	39	40	66	49	49	56	56	56	57		41.4
BLAINE	MAX	52	68	60	62	58	54	55	59	77	68	68	71	78	80	51	68	78	75	74	84	76	71	82	78	72	76	74	81	74	88		70.4
	MIN	32	32	27	27	21	21	30	23	23	27	25	25	30	40	40	33	33	43	41	49	50	37	42	55	41	39	52	50	60	59		36.9
CUMBERLAND	MAX	60	66	61	64	58	55	63	73	70	69	74	77	78	60	67	78	70	82	85	75	71	83	83	73	79	67	77	69	82	88		71.9
	MIN	37	36	27	30	27	37	31	24	44	30	29	31	49	37	42	34	48	42	61	48	56	36	68	60	48	56	51	55	56	54		42.8
DEWEY DAM	MAX	49	67	64	62	60	60	58	61	77	71	69	73	80	82	51	78	80	75	78	86	79	73	84	77	78	78	73	83	72	88		72.2
	MIN	36	36	30	30	26	26	37	26	27	30	29	30	32	42	45	36	39	45	49	53	55	41	44	58	47	48	54	54	58	59		40.7
GRAYSON 5 SE	MAX	52	66	62	60	51	53	54	60	76	68	67	69	78	78	53	68	77	80	75	83	76	68	81	75	72	75	76	81	75	89		69.9
	MIN	33	34	27	28	21	22	34	25	26	28	26	26	35	44	45	34	37	42	52	51	53	38	45	55	41	44	49	49	61	60		38.8
HEIDELBERG LOCK 14	MAX	61	64	61	64	58	59	60	77	78	69	73	78	79	77	66	80	80	79	85	87	77	82	84	74	76	77	81	80	88	89		74.8
	MIN	35	39	27	33	26	33	34	25	42	30	28	31	45	42	40	35	49	45	53	52	53	41	64	58	45	57	51	53	54	59		42.6
HINDMAN 11 NNE	MAX	64	66	60	63	63	60	59	59	77	72	70	75	74	81	49	65	81	71	80	86	79	73	83	76	72	79	72	82	67	88		71.5
	MIN	36	38	28	32	25	36	39	26	30	30	30	31	34	40	40	34	40	44	49	51	51	40	44	56	46	55	52	52	57	57		40.8
HYDEN	MAX	59	65	59	62	63	60	58	60	77	70	70	74	80	79	48	68	80	72	81	88	76	71	76	81	72	78	74	80	66	88		71.2
	MIN	37	36	27	25	29	29	35	25	28	30	30	32	36	39	38	37	37	45	45	53	53	39	43	58	49	49	52	51	57	56		40.0
JACKSON	MAX	55	65	61	67	66	63	59	65	79	72	71	78	81	82	47	72	81	72	84	87	79	74	84	78	72	81	72	83	64	88		72.7
	MIN	37	39	29	31	28	29	37	28	30	31	30	32	35	43	43	37	39	47	47	55	55	42	45	59	48	48	54	54	56	56		41.5

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	66	65	61	62	60	58	61	78	70	70	75	77	78	48	68	79	70	80	87	75	70	83	82	72	75	73	77	66	86	87		72.0
	MIN	43	33	29	36	31	37	30	30	49	34	32	37	48	40	42	41	51	46	60	51	46	42	65	49	46	55	50	58	54	62		44.2
MANCHESTER 4 SE	MAX	62	67	62	63	61	60	62	77	73	70	74	78	78	68	67	79	77	80	86	85	75	82	81	78	77	74	80	66	86	89		73.9
	MIN	38	38	26	32	26	33	33	26	45	29	29	31	46	38	40	37	51	44	53	53	55	39	66	59	47	59	51	58	55	58		43.2
MC KEE	MAX	54	63	53	62	67	60	58	62	76	66	69	75	79	79	48	67	79	70	80	87	76	69	85	77	68	76	73	80	62	87		70.2
	MIN	35	38	25	30	28	28	30	25	29	28	27	31	37	39	36	36	41	41	46	50	50	40	50	59	44	49	48	48	52	53		39.1
MIDDLESBORO	MAX	66	62	59	63	65	60	60	63	74	70	70	73	76	74	51	69	75	68	77	83	72	72	82	84	71	76	66	73	68	85		70.2
	MIN	40	41	26	26	31	35	39	28	29	37	32	34	36	40	43	41	41	47	49	53	53	38	40	65	49	50	56	55	55	55		42.1
MONTICELLO	MAX	62	64	64	61	60	63	62	78	73	72	77	72	79	71	68	81	75	81	85	77	72	84	85	79	75	76	77	71	88	87		74.0
	MIN	42	37	26	36	32	33	31	32	60	33	31	32	56	38	36	42	55	47	67	52	50	42	66	60	48	59	54	59	59	67		46.1
MOUNT VERNON	MAX	61	63	61	62	60	60	64	77	75	70	75	80	79	69	69	78	79	80	86	84	74	85	79	73	77	74	76	80	91	89		74.3
	MIN	39	36	32	37	29	40	31	34	58	40	33	40	52	42	40	43	56	45	61	50	49	44	63	58	45	55	55	55	56	68		46.2
PIKEVILLE	MAX	65	60	67	64	61	58	64	80	75	73	75	82	82	59	69	83	73	84	87	82	76	85	82	75	82	72	82	72	91	93		75.1
	MIN	39	40	31	35	30	43	42	30	49	34	33	35	48	45	41	39	52	47	52	58	54	43	60	58	49	56	56	60	60	61		46.0
SOMERSET 2 N	MAX	62	64	60	58	61	58	61	75	71	70	74	77	75	70	66	76	74	78	85	73	71	82	85	75	73	74	76	65	86	85		72.0
	MIN	39	36	28	35	29	32	29	29	61	34	33	39	53	41	35	46	58	48	63	52	51	43	62	60	46	59	51	58	57	65		45.7
STEARNS	MAX	63	65	51	60	63	62	61	64	68	76	74	76	78	76	58	66	78	79	80	86	75	70	83	84	69	79	74	76	66	87		71.6
	MIN	39	46	22	24	29	37	33	34	33	33	38	41	50	51	50	51	45	54	52	47	50	46	53	60	48	59	55	55	58	63		45.2
TOMAHAWK 1 WSW	MAX	51	69	61	63	57	58	57	60	77	70	68	72	79	81	51	67	79	75	78	85	77	72	84	76	73							69.6
	MIN	41	48	28	28	22	36	28	19	26	28	26	29	39	40	40	32	34	40	45	53	47	38	40	57	44	55	49	49	59	61		39.4
VANCEBURG	MAX	65	62	61	64	55	54	60	76	75	67	70	76	80	73	69	78	79	77	75	80	72	82	81	70	71	74	84	78	89	90		72.9
	MIN	35	39	29	33	21	34	39	25	46	31	27	33	46	44	40	35	45	41	55	54	55	39	64	56	40	54	47	56	64	60		42.9
WEST LIBERTY	MAX	53	65	60	60	57	55	57	61	78	69	68	74	80	79	49	70	79	75	79	86	78	69	84	75	65	72	74	74	66	86		69.9
	MIN	34	35	30	30	25	25	39	25	25	30	28	28	35	44	40	36	36	43	43	54	54	41	50	65	43	43	54	54	55	55		40.0
WILLIAMSBURG 1 E	MAX																																
	MIN																																

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL		T	T																												
	SN ON GND																															
LOUISVILLE WB AP	SNOWFALL		T																													
	SN ON GND																															
	WTR EQUIV																															
* * * BLUE GRASS 03																																
COVINGTON WB AIRPORT	SNOWFALL		T		T																											
	SN ON GND																															
	WTR EQUIV																															
LEXINGTON WB AIRPORT	SNOWFALL		T																													
	SN ON GND																															
	WTR EQUIV																															
WILLIAMSTOWN 3 NW	SNOWFALL				T																											
	SN ON GND																															
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL	T	T	T																												
	SN ON GND		T																													
LONDON FAA AP	SNOWFALL		T																													
	SN ON GND																															

DAILY SOIL TEMPERATURES

KENTUCKY
APRIL 1970

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL	4	MAX	49	48	50	52	51	52	53	54	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	69	75	78		-
		MIN	48	47	43	49	45	47	47	49	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	68	74		-
	20	5PM	45	46	46	47	47	47	47	47	49	49	50	50	51	52	51	52	52	53	54	54	50	50	56	57	57	57	57	58	58	60		51.6
BEREA COLLEGE	4	MAX	46	52	49	48	49	48	50	52	56	55	55	56	56	57	54	57	57	59	60	60	60	60	61	62	62	63	64	65	66	69		56.9
		MIN	45	46	43	46	45	46	46	48	52	52	51	52	54	51	50	53	54	55	58	57	59	57	59	61	59	60	61	61	61	65		53.6
	20	5PM	45	47	47	47	47	48	48	48	49	50	51	51	52	52	53	54	54	54	55	56	56	57	57	57	58	58	59	60	60	61		53.0
CUMBERLAND GAP PARK	4	MAX	53	52	51	53	52	51	54	54	54	54	56	56	58	59	56	53	61	61	61	62	64	66	65	67	64	70	64	67	72	69		59.3
		MIN	43	47	45	47	47	49	48	47	48	49	50	50	53	53	52	49	53	55	55	58	59	57	60	62	60	64	61	64	61	65		53.7
	20	5PM	47	50	50	49	49	49	50	50	50	51	51	51	52	53	53	54	54	54	55	56	57	57	57	58	59	59	59	60	59	61		53.8
FLEMINGSBURG 1 SW	4	MAX	44	48	46	46	44	44	48	48	50	51	50	53	53	53	53	53	55	56	56	56	55	55	56	56	57	59	59	60	62	67		53.1
		MIN	40	44	40	42	39	41	42	42	47	45	44	46	48	49	47	49	51	52	53	53	53	52	55	56	54	56	57	58	59	61		49.2
	20	6PM	42	43	44	44	44	44	44	44	45	45	46	46	47	48	48	48	49	50	50	51	51	51	52	53	53	53	54	55	55	56		48.5
GLASGOW WKAY	4	MAX	53	53	51	51	52	52	54	54	56	55	56	56	58	58	56	59	58	60	61	61	62	62	64	64	63	64	64	63	67	70		58.6
		MIN	48	50	45	48	48	48	47	49	52	51	51	51	54	53	50	53	57	56	57	57	58	58	61	62	59	61	61	63	63	66		54.6
	20	6PM	47	48	48	48	48	48	48	49	50	50	50	51	51	51	51	52	53	53	54	55	55	55	56	57	57	57	58	59	59	60		52.6
GREENVILLE 2 W	4	MAX	54	54	54	55	54	54	52	57	58	59	60	62	61	61	66	64	62	65	67	63	67	67	65	67	67	70	70	70	73	74		62.4
		MIN	50	50	44	49	47	47	47	50	54	52	52	54	57	55	50	56	54	59	63	57	57	58	63	63	60	62	65	67	68	69		56.0
	20	5PM	47	48	48	48	48	49	49	49	50	50	51	50	53	52	53	53	53	55	55	56	56	56	57	58	58	58	59	60	61	62		53.4
HENDERSON 7 SSW	4	MAX	50	51	51	51	51	52	54	54	56	57	57	57	57	57	57	59	61	61	61	61	62	62	62	66	66	65	63	68	69	70		58.9
		MIN	46	50	48	50	49	50	50	50	52	53	54	54	57	55	54	56	58	59	61	59	58	59	62	62	63	63	60	63	67	67		56.3
	20	6PM	46	47	47	47	47	47	48	48	49	50	50	51	52	52	52	52	53	54	55	55	55	55	57	58	58	58	58	59	60	61		52.7
IRVINGTON	4	MAX	49	53	50	51	50	51	51	52	56	57	55	55	56	58	52	58	59	60	57	59	60	60	60	61	61	63	63	63	68	69		57.2
		MIN	47	48	44	44	43	47	44	46	52	48	48	50	54	52	45	52	54	57	49	57	56	56	59	60	57	60	60	62	61	67		52.6
	20	4PM	42	45	44	44	44	44	44	44	45	46	46	47	47	-	48	-	-	50	50	51	51	51	53	54	53	54	59	56	56	57		49.1
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	60	59	64	65	63	59	72	73	73	74	79	81	78	57	78	77	77	81	74	73	72	76	73	68	79	80	84	70	86	83		72.9
		MIN	40	35	34	36	34	39	35	36	49	39	38	43	51	46	45	48	53	47	54	49	48	48	63	53	49	59	56	61	61	66		47.2
	2	MAX	56	57	60	61	59	55	68	68	69	69	73	75	73	56	73	73	71	78	70	69	69	71	70	66	74	76	79	68	82	81		69.0
		MIN	41	38	36	39	36	40	37	39	50	42	41	45	53	49	47	49	54	50	55	51	51	50	63	55	51	60	57	61	61	66		48.9
	4	MAX	53	55	54	54	53	51	59	60	62	62	65	66	66	55	66	66	66	69	66	65	64	65	66	64	72	71	71	65	76	76		63.4
		MIN	43	41	39	43	39	42	40	42	51	45	44	48	55	50	49	51	55	52	56	53	53	52	62	58	54	60	59	62	62	67		50.9
	8	MAX	50	52	49	50	49	48	52	54	56	56	57	59	60	57	59	60	60	62	61	60	60	60	62	62	72	65	65	62	69	72		58.7
		MIN	44	45	42	45	43	45	44	45	50	48	48	50	55	51	50	53	56	54	57	55	55	54	60	60	56	60	60	62	62	66		52.5
(SOD)	1	MAX	51	54	51	51	51	50	55	55	56	56	57	58	59	53	59	59	60	62	60	60	60	60	64	63	64	66	66	65	72	72		59.0
		MIN	43	44	41	45	42	44	43	45	50	47	47	49	53	50	50	51	53	53	55	55	55	53	59	58	56	60	60	63	63	66		51.8
	2	MAX	51	53	51	51	51	49	54	54	55	55	56	57	58	53	58	58	59	61	60	60	59	60	63	63	63	65	65	64	70	71		58.2
		MIN	44	45	42	45	43	45	44	46	50	48	47	49	53	51	50	52	54	53	55	55	55	54	59	59	56	60	60	62	62	66		52.1
	4	MAX	50	52	49	50	49	48	52	53	54	54	55	56	56	54	56	57	58	59	59	59	59	59	62	62	62	64	64	63	68	69		57.1
		MIN	44	46	43	46	44	46	45	46	50	48	48	50	53	51	50	52	54	54	55	55	55	54	59	59	57	60	60	62	62	65		52.4
	8	MAX	48	50	48	48	48	47	49	50	51	51	52	53	54	53	54	55	55	56	57	57	57	57	60	60	60	61	62	62	65	66		54.9
		MIN	44	47	45	46	46	46	46	47	50	49	49	50	53	51	51	52	53	54	55	55	55	55	57	59	57	59	60	61	61	64		52.6
	20	7PM	44	46	46	46	46	46	46	47	48	48	48	49	50	50	50	51	51	52	52	53	53	53	54	56	56	56	57	58	58	59		51.0
	40	7PM	45	45	45	46	46	46	46	46	47	47	47	48	48	48	48	49	49	49	50	50	50	51	51	52	52	53	53	54	54	55		49.0
MAYFIELD RADIO WNGO	4	MAX	48	48	49	51	50	53	54	56	57	57	58	57	57	60	59	59	63	63	62	62	-	62	-	-	63	68	66	68	69	72		58.9

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAYFIELD RADIO WNGO	4	MIN	45	46	47	48	47	47	48	50	51	50	52	51	51	56	52	40	58	61	60	60	-	54	-	-	61	63	52	55	57	69		53.0
	20	5PM	48	48	48	51	50	50	51	51	52	52	53	53	53	58	55	56	57	58	59	59	-	58	-	-	60	60	61	63	64	63		55.2
PRINCETON 1 SE	4	MAX	52	51	52	52	52	52	55	55	57	58	58	58	58	59	57	61	58	61	61	61	62	63	62	64	65	67	68	67	68	70		59.5
		MIN	50	50	45	50	48	48	48	50	54	51	52	54	56	54	51	55	54	56	61	58	58	60	61	62	61	61	65	65	67	67		55.6
	20	5PM	47	48	48	48	48	48	48	49	50	50	51	51	52	52	52	53	54	54	56	56	56	56	56	57	58	58	59	59	60	61		53.2
QUICKSAND	4	MAX	48	50	51	53	52	51	54	54	55	55	57	56	58	58	58	60	60	61	61	63	63	62	64	64	61	66	67	66	70	72		59.1
		MIN	44	47	43	46	44	46	46	45	50	47	47	48	52	52	50	51	54	53	57	57	57	55	60	61	58	61	60	61	61	65		52.6
	20	4PM	45	47	47	47	47	52	47	47	48	49	49	50	51	51	51	51	52	52	54	55	55	55	56	57	57	58	59	59	60	61		52.3
SANDY HOOK 5 W	4	MAX	45	50	47	47	47	45	50	51	52	53	-	55	55	-	-	-	56	-	60	58	59	59	60	60	61	60	64	65	69	70		55.9
		MIN	42	42	41	44	41	45	43	44	49	46	-	46	51	-	-	-	49	-	54	55	55	54	59	60	57	56	59	62	62	69		51.5
	20	6PM	42	44	44	44	44	44	44	44	45	46	-	47	43	-	-	-	50	-	52	52	52	52	54	55	55	55	56	58	58	59		49.6
SOMERSET 2 N	1	MAX	54	53	55	56	56	57	59	59	60	66	62	63	62	59	62	62	61	65	67	65	65	65	67	68	64	67	68	65	73	72		62.6
		MIN	48	48	43	47	45	48	46	47	51	49	49	52	56	53	50	52	57	55	61	57	58	57	61	62	58	58	64	62	61	65		54.0
	4	MAX	52	51	53	53	53	54	56	56	58	63	59	60	60	60	59	59	60	63	64	63	63	64	65	65	62	65	67	65	69	69		60.3
		MIN	48	49	45	47	46	49	47	47	52	50	50	53	56	54	50	53	57	55	60	58	58	57	60	62	58	59	65	62	61	65		54.4
	20	6PM	49	50	50	50	50	50	50	51	51	52	52	53	54	54	54	54	55	55	57	57	57	58	58	59	59	59	61	61	61	62		54.8
WILLIAMSTOWN 3 NW	4	MAX	45	49	46	46	47	45	48	49	50	51	50	51	52	53	53	54	55	55	56	55	55	55	57	57	58	59	59	59	62	64		53.2
		MIN	45	44	43	45	43	45	45	46	48	48	47	49	51	51	50	52	53	53	54	55	55	54	55	56	56	58	59	59	59	62		51.3
	20	6PM	41	43	43	43	43	43	43	44	44	45	45	45	46	47	47	47	48	48	49	49	50	50	50	51	52	52	53	53	54	55		47.4

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BAROSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	OICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL EROOED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENOAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * WESTERN 01																																	
MAOISONVILLE 1 SE	EVAP	.20	-	.10	.18	.16	.13	.29	.20	.41	.28	.28	.26	.29	.38	.40	.16	.25	.06	.13	.22	.42	.27	.37	-	.21	.06	.05	.12	.19	.18		6.708
	WIND	169	128	113	69	75	50	106	49	148	67	61	56	136	165	65	43	41	40	96	154	186	56	142	45	53	51	26	76	77	68		2611
	MAX	-	-	-	85	-	65	69	74	76	72	72	76	72	71	69	74	81	77	82	-	79	84	79	75	80	78	90	80	90	90		77.6
	MIN	-	-	41	41	-	38	40	40	44	45	44	43	50	45	41	41	54	56	55	-	47	48	45	52	47	54	60	60	65	61		48.3
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.1[illegible]	-	.00	.19	.19	.11	.19	.27	.34	.32	.22	.26	.28	.17	.08	.22	.15	.13	.22	.19	.44	.32	.24	.19	.00	.02	.16	.02	.08	.12		5.468
	WIND	4[illegible]	127	119	55	52	57	102	34	98	63	66	40	94	168	54	28	49	29	66	129	156	55	124	34	50	35	12	36	42	44		2067
* * * 8LUE GRASS 03																																	
OIX OAM	EVAP	-	-	.20	*	*	.44	.23	.10	.30	.30	.30	*	.34	.24	-	.27	.20	*	*	.83	.42	.20	.39	.42	-	.07	-	-	.37	.26		7.358
	WIND	-	181	131	93	*	101	137	27	90	78	78	31	53	116	65	33	39	*	*	249	157	68	114	46	55	25	21	69	49	42		22228
	MAX	6[illegible]	61	-	-	-	66	57	72	75	73	73	73	78	75	50	79	80	76	80	80	77	75	72	70	68	76	81	81	69	90		73.1
	MIN	4[illegible]	46	35	-	-	37	38	38	43	40	41	44	42	45	43	45	51	47	56	49	51	50	52	60	52	52	61	59	59	59		47.9
* * * EASTERN 04																																	
BUCKHORN	EVAP	-	.02	.10	.14	.16	.15	.12	.12	.23	.22	.23	.15	.18	.23	.00	.08	-	.05	.17	.32	.39	.22	.25	.05	.10	.10	.03	.16	-	.07		4.498
	WIND	-	80	94	50	35	33	98	24	67	68	62	18	27	70	24	19	34	27	20	127	118	60	76	32	59	17	9	26	12	25		14608
	MAX	68	60	59	67	69	68	57	69	73	71	69	77	78	78	47	76	77	66	84	77	78	76	72	82	70	83	75	80	66	89		72.0
	MIN	3[illegible]	43	36	34	39	38	40	39	39	40	40	40	43	47	44	45	47	53	53	53	52	49	49	64	56	55	62	60	62	62		47.4

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. ROTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF COMS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL NILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	460		7A		C	RONALD H. FUQUA
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. NORAN
ELKHORN CITY	2526	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MI	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN.	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 M	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14 R	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	820	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBBSO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH ROSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREPLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. MOGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A			CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT R	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	0	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	0	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	0	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	650	5	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY N WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

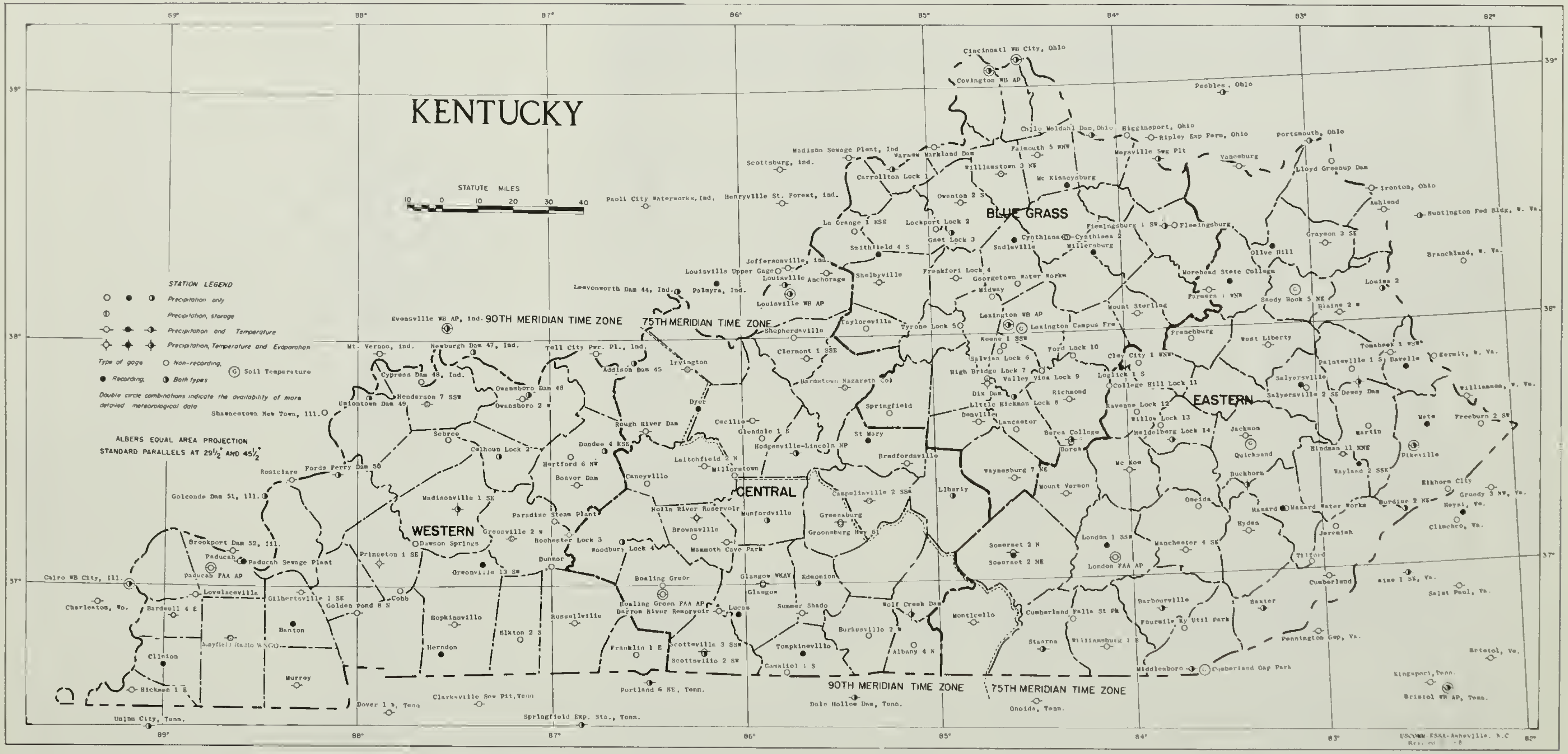
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-6/3/70-870


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording, ● Recording, ◑ Both types
Ⓖ Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
89° 88° 87° 86° 85° 84° 83° 82°
39° 38° 37°
WESTERN
CENTRAL
BLUE GRASS
EASTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Branchland, W. Va.
Madison Sewage Plant, Ind
Warsaw Markland Dam
Scottsburg, Ind.
Carrollton Lock 1
Falmouth 5 WNW
Williamstown 3 NE
Mc Kinneysburg
Owenton 2 S
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Grayson 3 SE
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 5 NE
Louisa 2
Blaine 2 S
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WB AP
Lexington WB AP
Lexington Campus Frm
Mount Sterling
Evansville WB AP, Ind.
Taylorsville
Tyrone Lock 5
Shepherdsville
Frenchburg
West Liberty
Tomahawk 1 WSW
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Clermont 1 SSE
Keene 1 SSW
Ford Lock 10
Clay City 1 WNW
Paintsville 1 S
Davella
Kermit, W. Va.
Cypress Dam 48, Ind.
Owensboro Dam 46
Owensboro 2 W
Henderson 7 SSW
Uniontown Dam 49
Shawneetown New Town, Ill.
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Loglick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Bardstown Nazareth Col
Dix Dam
Richmond
Little Hickman Lock 8
Ravenna Lock 12
Dyer
Rough River Dam
Cecilia
Glendale 1 E
Springfield
Danville
Lancaster
Willow Lock 13
Mete
Freeburn 2 SW
Sebree
Calhoun Lock 2
Dundee 4 ESE
Hodgenville-Lincoln NP
St Mary
Berea College
Berea
Heidelberg Lock 14
Jackson
Quicksand
Martin
Pikeville
Hartford 6 NW
Litchfield 2 N
Millerstown
Bradfordsville
Hindman 11 NNE
Wayland 2 SSE
Rosiclare
Fords Ferry Dam 50
Beaver Dam
Caneyville
Waynesburg 7 NE
Mc Kee
Buckhorn
Elkhorn City
Grundy 3 NW, Va.
Golconda Dam 51, Ill.
Madisonville 1 SE
Campbellsville 2 SSW
Liberty
Mount Vernon
Oneida
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Clintwood, Va.
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hwy 61
Paradise Steam Plant
Dawson Springs
Greenville 2 W
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Hyden
Jeremiah
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Princeton 1 SE
Greenville 13 SW
Dunmor
Tilford
Cumberland
Wise 1 SE, Va.
Cairo WB City, Ill.
Lovelaceville
Gilbertsville 1 SE
Golden Pond 8 N
Cobb
Bowling Green
Glasgow WKAY
Glasgow
Edmonton
Salem Paul, Va.
Charleston, Mo.
Bardwell 4 E
Benton
Hopkinsville
Elkton 2 S
Russellville
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Fourmile Ky Util Park
Baxter
Mayfield Radio WNGO
Clinton
Herndon
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Burkesville 2 W
Albany 4 N
Stearns
Williamsburg 1 E
Pennington Gap, Va.
Bristol, Va.
Hickman 1 E
Murray
Gamaliel 1 S
Middlesboro
Cumberland Gap Park
Kingsport, Tenn.
Bristol WB AP, Tenn.
Dover 1 W, Tenn
Clarksville Sew Plt, Tenn
Portland 6 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
Union City, Tenn.
Springfield Exp. Sta., Tenn.
USCOMM-ESSA-Asheville, N.C

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

MAY 1970

Volume 65 No. 5

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	81.7	57.1	69.4		91	24+	37	3	35	4	0	0	0	3.38		.82	16	.0	0		7	4	0
BEAVER DAM	82.2M	54.4M	68.3M		91	24	35	3	50	3	0	0	0	1.37		1.03	10	.0	0		3	1	1
FORDS FERRY DAM 5D	80.9M	57.5M	69.2M		91	23	40	3	44	2	0	0	0	3.94	.16	1.61	10	.0	0		7	2	1
GILBERTSVILLE 1 SE	82.9	58.1	70.5		92	24	40	4	27	3	0	0	0	3.85		.77	10	.0	0		8	2	0
GOLDEN POND 8 N	80.1	57.6	68.9		90	26+	42	4+	43	3	0	0	0	2.91		1.10	11	.0	0		8	2	1
GREENVILLE 2 W	80.8	55.2	68.0	2.4	89	24+	35	4	56	0	0	0	0	2.67	- 1.41	1.63	10	.0	0		4	1	1
HENDERSON 7 SSW	80.5	58.4	69.5	3.3	89	25+	38	3	41	0	0	0	0	3.24	- .99	2.06	10	.0	0		5	1	1
HICKMAN 1 E																							
HOPKINSVILLE	81.7	55.9	68.8	2.1	92	25+	39	3	54	4	0	0	0	2.17	- 2.04	.57	11	.0	0		5	1	0
LOVELACEVILLE	81.9	56.3	69.1	1.9	91	24	35	3	40	4	0	0	0	3.44	- .82	.93	1	.0	0		5	5	0
MADISONVILLE 1 SE	82.4	56.7	69.6		89	25+	37	3	39	0	0	0	0	2.28		.90	11	.0	0		5	2	0
MAYFIELD RADIO WNGO	83.1	55.4	69.3		91	23	35	4	33	3	0	0	0	3.23		1.09	1	.0	0		5	3	1
MURRAY	80.9	58.2	69.6	2.0	93	24	39	3	42	4	0	0	0	4.35	.17	1.51	10	.0	0		7	4	1
OWENSBORO 2 W	81.1	56.8	69.0	2.9	91	24	39	3	45	4	0	0	0	2.81	- 1.38	1.30	10	.0	0		5	2	1
PADUCAH FAA AIRPORT	79.2	58.1	68.7		89	24	40	3	44	0	0	0	0	3.99		1.13	11	.0	0		7	2	1
PADUCAH																							
PRINCETON 1 SE	81.7	56.5	69.1	2.4	89	25+	35	3	44	0	0	0	0	3.52	- .45	.97	10	.0	0		7	3	0
ROCHESTER LOCK 3	M	M	M				39	4			0	0	0	2.01		.68	11	.0	0				0
RUSSELLVILLE	80.2	54.8	67.5	1.1	90	25	34	4	69	1	0	0	0	2.94	- .82	1.06	11	.0	0		4	3	1
DIVISION			69.0	2.4										3.06	- 1.15			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	81.8	55.5	68.7	5.0	89	24+	36	3	49	0	0	0	0	3.77	- .33	2.09	14	.0	0		6	2	1
BARDSTOWN NAZARETH COL	81.1M	55.4M	68.3M		88	25+	35	7	62	0	0	0	0	4.55		1.87	14	.0	0		7	3	1
BARREN RIVER RESERVOIR	81.1M	53.0	67.1M		93	25	31	4	86	6	0	1	0	2.88		1.86	2	.0	0		5	1	1
BERNHEIM FOREST	82.9	53.2	68.1		91	24	34	7	57	3	0	0	0	3.57		1.35	12	.0	0		6	4	1
BOWLING GREEN FAA AP	80.6	55.4	68.0	.8	92	24+	37	4	58	4	0	0	0	2.45	- 1.32	1.01	2	.0	0		5	2	1
BRADFORDSVILLE	80.0	52.5	66.3		90	25+	31	7	94	2	0	1	0	2.63		1.52	2	.0	0		3	2	1
CAMPBELLSVILLE 2 SSW	81.3	54.6	68.0		94	23	36	4	60	4	0	0	0	3.63		1.90	2	.0	0		6	2	1
CECILIA	81.3	54.6	68.0	3.0	90	24+	37	7+	61	2	0	0	0	1.29	- 2.84	.60	2	.0	0		3	1	0
GLASGOW WKAY	80.7	54.9	67.8		92	25+	35	4	61	3	0	0	0	2.65		1.18	2	.0	0		5	1	1
GREENSBURG	81.5	52.8	67.2	1.6	93	25	36	4	78	6	0	0	0	3.35	- .93	1.67	2	.0	0		4	2	1
HODGENVILLE-LINCOLN NP	81.7	54.4	68.1		91	23	37	7+	57	4	0	0	0	1.97		1.15	2	.0	0		5	1	1
IRVINGTON	81.0	53.3	67.2	1.4	89	24	35	3	73	0	0	0	0	2.48	- 1.63	.70	31	.0	0		6	2	0
LEITCHFIELD 2 N	82.0	54.2	68.1	2.1	93	23	36	4	57	4	0	0	0	1.37	- 2.75	.52	2	.0	0		4	2	0
LOUISVILLE	82.9	58.9	70.9		90	1	43	3	31	1	0	0	0	1.99		.65	25	.0	0		7	1	0
LOUISVILLE WB AP R	78.6	55.8	67.2	2.8	89	24	40	4	70	0	0	0	0	1.85	- 2.05	.45	25	.0	0		7	0	0
MAMMOTH CAVE PARK	80.7	52.4	66.6		89	24+	28	4	71	0	0	1	0	2.78		1.45	2	.0	0		4	2	1
NOLIN RIVER RESERVOIR	80.9	52.3	66.6		92	25	35	7+	81	3	0	0	0	2.02		.52	1	.0	0		6	2	0
ROUGH RIVER DAM	80.5	54.0	67.3		91	25	35	3	78	3	0	0	0	1.56		.58	11	.0	0		5	1	0
SCOTTSVILLE 3 SSW	79.6	57.3	68.5		89	24+	38	4	50	0	0	0	0	4.29		1.42	2	.0	0		6	3	1
SUMMER SHADE	79.7	55.1	67.4		89	24	35	4	55	0	0	0	0	2.32		.87	2	.0	0		5	2	0
WOLF CREEK DAM	80.9	50.0	65.5		93	25	33	7	86	4	0	0	0	1.11		.41	11	.0	0		3	0	0
DIVISION			67.7	2.1										2.60	- 1.39			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	80.5	56.2	68.4	2.8	89	25+	37	4	53	0	0	0	0	2.75	- 1.04	.89	14	.0	0		5	3	0
CARROLLTON LOCK 1	80.3	54.1	67.2		89	25+	34	7	69	0	0	0	0	2.27	- 1.23	.87	12	.0	0		5	2	0
COVINGTON WB AIRPORT R	79.1	54.4	66.8	4.3	91	25+	36	3	91	2	0	0	0	1.88	- 1.71	1.03	25	.0	0		6	1	1
CYNTHIANA 2	79.6	51.7	65.7		92	25	35	4	104	2	0	0	0	2.80		.92	2	.0	0		6	2	0
DANVILLE	78.7	53.9	66.3		90	26+	37	8+	91	2	0	0	0	2.75	- 1.21	.75	12	.0	0		5	3	0
DIX DAM	81.0M	54.5M	67.8M		90	25+	36	4	65	2	0	0	0	3.23		1.96	14	.0	0		4	2	1
FALMOUTH 5 WNW	80.3	49.9	65.1		90	24	32	7+	97	1	0	2	0	2.59	- 1.29	.84	14	.0	0		5	2	0
FARMERS 1 WNW	80.5	52.5	66.5	2.0	88	25+	34	7	73	0	0	0	0	5.00	.94	1.77	13	.0	0		7	4	1
FLEMINGSBURG 1 SW	78.1	53.3	65.7		87	24	34	4	86	0	0	0	0	3.06		.94	25	.0	0		6	2	0
FRANKFORT LOCK 4	79.4	52.6M	66.0M	1.5	89	25	35	7	95	0	0	0	0	3.86	- .07	2.07	14	.0	0		5	3	1
LEXINGTON WB AIRPORT R	77.1	55.9	66.5	2.0	88	25	39	4	84	0	0	0	0	3.18	- .67	.90	13	.0	0		6	2	0
MAYSVILLE SEWAGE PLANT	79.2	51.2	65.2	1.6	90	25	34	7	109	1	0	0	0	2.58	- 1.12	.68	14	.0	0		6	2	0
MOUNT STERLING	80.3	54.9	67.6		89	25+	36	7	68	0	0	0	0	4.10	.13	2.00	13	.0	0		7	3	1
OWENTON	77.7	55.1	66.4		88	25	38	3	97	0	0	0	0	3.20		1.56	14	.0	0		5	2	1
RICHMOND	78.8	54.6	66.7		90	26+	37	4	91	2	0	0	0	1.93		.90	14	.0	0		6	1	0
SHELBYVILLE	77.6	52.6	65.1	.7	88	25	37	7+	106	0	0	0	0	3.67	- .34	1.45	14	.0	0		5	3	2
WARSAW MARKLAND DAM	79.0	50.0	64.5	1.0	90	25	32	7+	112	1	0	2	0	2.31	- 1.33	.80	12	.0	0		7	2	0
WAYNESBURG 7 NE	78.2	53.7	66.0		87	25+	37	7	74	0	0	0	0	2.35		.70	12	.0	0		6	2	0
WILLIAMSTOWN 3 NW	78.9	55.6	67.3	2.6	88	24	37	7+	70	0	0	0	0	3.66	- .30	1.51	13	.0	0		6	3	1
DIVISION			66.4	1.6										3.01	- .88			.0					
* * *																							
EASTERN 04																							
ASHLAND	79.4	50.0	64.7	- .7	91	1	30	8	118	1	0	2	0	3.17	- .78	1.23	13	.0	0		6	2	1
BARBOURVILLE	80.6	49.2	64.9		90	25+	33	8+	94	3	0	0	0	2.12		.84	12	.0	0		4	2	0
BAXTER	80.5	49.8	65.2		92	22	33	8+	93	4	0	0	0	2.37		1.01	26	.0	0		5	2	1
BLAINE	80.3	47.2	63.8		91	26+	29	7	122	5	0	1	0	2.57		.80	3	.0	0		6	2	0
CUMBERLAND	80.6	50.5	65.6		91	24+	29	7	76	4	0	1	0	2.33		.93	26	.0	0		4	2	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 59

THE LIBRARY OF THE

JUL 21 1970

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

CLIMATOLOGICAL DATA

Continued

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
DEWEY DAM		81.9	50.2	66.1		92	26+	31	8+	84	7	0	2	0	2.29		.87	13	.0	0		6	1	0
GRAYSON 5 SE		80.1	48.6	64.4		92	25	29	7	121	5	0	2	0	2.57		.79	12	.0	0		6	1	0
HEIDELBERG LOCK 14	R	81.9	51.1	66.5		90	26+	31	7	72	3	0	1	0	2.70	- .99	.66	16	.0	0		7	2	0
HINDMAN 11 NNE		80.9	48.7	64.8		91	23+	31	7	105	6	0	2	0	2.81		1.08	12	.0	0		6	2	1
HYDEN		79.3M	50.3M	64.8M		90	26+	34	8	103	2	0	0	0	1.77		.57	12	.0	0		6	1	0
JACKSON		82.9	51.6	67.3		94	26	34	8+	74	6	0	0	0	2.29		.76	17	.0	0		7	2	0
LONDON FAA AP		78.9	52.7	65.8		89	24	36	7	80	0	0	0	0	1.62		.46	16	.0	0		6	0	0
MANCHESTER 4 SE		80.8	51.2	66.0		90	24	32	7	73	1	0	1	0	2.46		.58	26	.0	0		7	2	0
MC KEE		78.6	48.5	63.6		90	1	30	7	120	1	0	1	0	4.14		.97	12	.0	0		7	4	0
MIDDLESBORO		79.3	49.6	64.5		89	23	33	8+	99	0	0	0	0	1.74		.55	12	.0	0		6	1	0
MONTICELLO		81.5	53.6	67.6		92	24	33	7	60	3	0	0	0	.99		.31	16	.0	0		5	0	0
MOUNT VERNON		81.8	53.6	67.7		89	25+	36	7+	62	0	0	0	0	2.62		1.15	12	.0	0		5	2	1
PIKEVILLE		84.0M	53.4M	68.7M		94	22	34	7	42	8	0	0	0	3.42	- .59	1.19	12	.0	0		6	2	1
SOMERSET 2 N		80.0	52.4	66.2		89	24	37	7+	70	0	0	0	0	1.63		.53	12	.0	0		4	1	0
STEARNS		79.6	52.2	65.9		88	23	38	8+	74	0	0	0	0	.92		.40	16	.0	0		3	0	0
TOMAHAWK 1 WSW		81.5M	47.7	64.6M		89	26+	29	8+	100	0	0	2	0	2.13		.81	13	.0	0		6	1	0
VANCEBURG		81.7	50.0	65.9		90	1	30	7	91	1	0	1	0	4.80	.71	1.39	14	.0	0		5	4	3
WEST LIBERTY		80.0	50.1	65.1		90	26+	32	8+	100	3	0	2	0	3.25		.84	12	.0	0		7	3	0
WILLIAMSBURG 1 E		81.4	51.9	66.7	.4	89	22	34	7	54	0	0	0	0	1.83	- 2.20	1.28	26	.0	0		4	1	1
DIVISION				65.7	.3										2.44	- 1.54			.0					

EXTREMES

HIGHEST TEMPERATURE 3 STATIONS	94	DATE	26+
LOWEST TEMPERATURE MAMMOTH CAVE PARK	28	DATE	04
GREATEST TOTAL PRECIPITATION TAYLORSVILLE	6.49		
LEAST TOTAL PRECIPITATION ALBANY 4 N	.83		
GREATEST 1 DAY PRECIPITATION TAYLORSVILLE	3.78	DATE	14

KENTUCKY - MAY 1970

SPECIAL WEATHER SUMMARY

Temperatures averaged from 1° to 3° above normal over much of the State. Rainfall totals were highly variable, ranging from light to moderate, to heavy in a few areas. The warm and humid weather which characterized much of the month gave way to cooler and less humid weather on a number of days following the passage of several cool weather fronts. Temperatures in the thirties were recorded in one or more sections on the 3d, 4th, 7th, and 8th. Readings in the upper twenties were recorded at a few points on the 4th and 7th.

There were several days with heavy thunderstorms, chiefly the 13th, 15th, and 25th. Persons reported having seen funnel clouds on at least two dates, the 13th and 15th. Two persons were injured on the 15th in Henderson County when wind blew a tree onto the car in which they were riding. On the 25th there was scattered wind and lightning damage in the central and Blue Grass areas; at least three dozen cattle were killed in at least four locations due to lightning strikes.

As the month began water was within several feet of flood stage along portions of the Green River in western Kentucky and along the lower Kentucky River in the Blue Grass; the Kentucky fell rapidly, the Green more slowly. Along the Ohio River downstream from Louisville stages were near flood at the beginning of the month due to heavy April rains, but began to fall within several days. Stages were well above flood along much of the river area bordering the western counties as the month began, and remained above flood stage for 10 to 15 days in some areas. There was some economic loss, especially in the west, due to damage to planted crops in low-lying farming areas and loss resulting from prevention of planting. On the 13th there was flash flooding in several areas of the Blue Grass due to heavy rains.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issue of STORM DATA. See the May 1970 issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY for further details concerning river and flood conditions since this summary was written before such data processing was completed.

DAILY PRECIPITATION

KENTUCKY
MAY 1970

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
WESTERN 01																																
BARDWELL 4 E	3.38	.80				.03					.78	.58				.14	.82								T		.12				.11	7
BEAVER DAM	1.37		.18								1.03					.14	.02															
CALHOUN LOCK 2	1.50	.04	.15				T				.26	.88	.02		T		.02	.09									T			.04	T	T
COBB	2.68	.45	.22									1.10	.20					.26									.20					.25
DAWSON SPRINGS	2.22	.17	.14								.95	.28	.11				T	.18									.17			.02	.03	.17
DUNDEE 4 ESE	3.74		*	*	*	*	*	*	*	*	*	*	1.50				*	.24									*	*	*	*	*	2.00
DUNMOR	2.20		.56									.70					.60	.12									.17					.05
ELKTON 2 S	2.05		.44	.02								.80	.40				.05	.25									.07				T	.02
FORDS FERRY DAM 50	3.94	.63	.08				.02				1.61	.42	.02				.38	.19								.10	T				.05	.44
FRANKLIN 1 E	3.05		1.49	.03								.99	.30					.03									.21				T	T
GILBERTSVILLE 1 SE	3.85	.45	.06				.19				.77	.45					.43									T	.29				.75	.46
GOLDEN POND 8 N	2.91	.25	.30				.10				.10	1.10					.21										.15					.70
GREENVILLE 2 W	2.67		.21								1.63	.05	.07				.28	.05									.06				T	.32
HARTFORD 6 NW	1.63		.12				T				.16	1.06	.10				.06	.13									T			T	T	T
HENDERSON 7 SSW	3.24	.29									2.06						.42	.15												.03	T	.29
HICKMAN 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOPKINSVILLE	2.17	.06	.32								T	.57	.46				.46	.27									.03					T
LOVELACEVILLE	3.44	.93					.04				.70	.67				T	.55								.05	.50					T	
MADISONVILLE 1 SE	2.28	.12	.20								.83	.90					.03	.18														.02
MAYFIELD RADIO WNGO	3.23	1.09					.17				.71	.95					.29									.02						
MURRAY	4.35	.33	.35				.03				1.51	.56					.29	.04													.58	.66
OWENSBORO 2 W	2.81	.08	.08								1.30	.10		T			.67	.15									.05				T	.38
OWENSBORO DAM 46	2.30	.05	.06				.02				.81	.50					.55	.23												T		.08
PADUCAH FAA AIRPORT	3.99	.87				.09				T	.49	1.13	T			.24	.23							.40	.03	.49					T	.02
PADUCAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARADISE STEAM PLANT R	1.65		.24	.08								.68	.03				.34	.19								T	.04				.05	T
PRINCETON 1 SE	3.52	.35	.12								.97	.68	.03				.27										.41				.09	.60
ROCHESTER LOCK 3	2.01		.44									.68	.26				*	.60									.03					
RUSSELLVILLE	2.94		.81	.03								1.06	.10														.91					.03
SEBREE	2.51	.26	.08								1.25	.10	.15			T	.22	T													.13	.32
UNIONTOWN DAM 49 //	5.77	.47	.03								3.50	.13					.57	.06								.04						.97
* * *																																
CENTRAL 02																																
ADDISON DAM 45 //	1.49		.15								.25	.58	T				.19	.32												T		T
ALBANY 4 N	.83		.26	.19								.15		.11				.04									.08					
ANCHORAGE	3.77		.27			T					.16		.38	.52	2.09	.01	.05	.03									.23			.01		.02
BARDSTOWN NAZARETH COL	4.55	.02	.81	T							.15		.61	.29	1.87		.24		.05								.48			.01		.02
BARREN RIVER RESERVOIR	2.88		1.86	.11								.36	.04					.03									.22				.23	.03
BERNHEIM FOREST	3.57	T	.69								.23		1.35	.02	.55		.16	.05									.51			T		.01
BOWLING GREEN	1.84		1.10	.03								.60						.07														.04
BOWLING GREEN FAA AP	2.45	.04	1.01								.76	.03					.10									.22			.01	.03	.04	.21
BRADFORDSVILLE	2.63		1.52									.48	.07		.50			.06														
BROWNSVILLE	1.70		.75	.03			T					.38	.10					.14									.25				T	.05
BURKESVILLE 2 W	2.65		.38	.10								1.52	.10	.15													.12				.28	
CAMPBELLSVILLE 2 SSW	3.63		1.90								.78		.41	T	T		.18	.05								.14	.12			T	.05	
CANEYVILLE	1.59		.47									.45	.11	.17			.13	.15														.11
CECILIA	1.29		.60								.35		.20	T			.06										.07				T	.01
EDMONTON	1.60		.62	.15								.48		T													.12				.23	
GAMALIEL 1 S	5.02		.73	.20								2.58	.05	T			T	T									.83				.63	T
GLASGOW	2.67		1.55									.30	.04					.06									.35				.33	.04
GLASGOW WKAY	2.65	.09	1.18								.38	.05	T				.02									.31	.31				.29	.02
GLENDALE 1 E	1.41		.90	.03								.25	T	.13			T	.10									T					T
GREENSBURG	3.35		1.67	.19								.94	T														.46				.07	.02
GREENSBURG HIWAY 61	3.63		1.90	.25								.61		.11	T			.10									.52				.11	.03
HODGENVILLE-LINCOLN NP	1.97		1.15								.25		.16		T		T	.10								T	.09				.22	
IRVINGTON	2.48		.22								.53		.25	.05			.21	.05									.45			.02		.70
LEITCHFIELD 2 N	1.37		.52	.01								.50					.15	.07								T	T			T	.12	
LIBERTY	2.11		.35									.65	.56	.10	.19												.26					
LOUISVILLE	1.99		.24								.15		.29	.38	.14		.10	T								.65				7		.04
LOUISVILLE WB AP R	1.85	.01	.28								.14	.31	.12	.23	.09	T	.16									.45				.01	.01	.04
LOUISVILLE UPPER GAGE	1.28		.18	.03									.23	T	.71		.07	.06													T	T
MAMMOTH CAVE PARK	2.78		1.45								.40	.10	T	.02			.07										.74				T	T
MILLERSTOWN	2.04		.78	T								.30		.39				.57														T
MUNFORDVILLE	2.30		1.50				T					.35		.20				.10									.15				T	T
NOLIN RIVER RESERVOIR	2.02	.52	.23									.36	.18	.05				.15									.51				T	.02
ROUGH RIVER DAM	1.56		.36	.02			T				.02	.58			.15		.23	.18									T			T	.02	T
SCOTTSVILLE 3 SSW	4.29	.42	1.42								.97	.37					.04										.75			.19	.05	.08
SCOTTSVILLE 2 SW	4.10		1.70	.10			T					.95	.35					T									.80				.15	.05
SHEPHERDSVILLE	2.09		T								T	.67	T	1.13			.09										.20					
SUMMER SHADE	2.32	T	.87								.68	.05	.15				.02									T	.33			.19	.03	
WOLF CREEK DAM	1.11		.33	.14								.41		.09			.09										.05					T
WOODBURY LOCK 4	1.37		.60	T			.01					.57	T	.03				.16														
* * *																																
BLUE GRASS 03																																
BEREA COLLEGE	2.75		.28								.17		.75		.89		.66														T	
BEREA	2.74			.27								.19	.40	.35	.94		.15	.43									.01					
CARROLLTON LOCK 1	2.27		.20	T		.06						.06	.87	.03	.22		.22	.08							T		.53				T	T
COVINGTON WB AIRPORT R	1.88	.23	.10			T					.01	.16	.01	.02	.02	.10	.20	T								1.03				T		T
CYNTHIANA	2.73		.89	.26								.04	.44	.18	.79			.01	T								.12					T
CYNTHIANA 2	2.80		.92	.26								.02	.47	.20	.83												.10					
DANVILLE	2.75		.67	.34								.19	.75	.02	.66			.04									.08					T
DIX DAM	3.23		.85		T							.14	.22	T	1.96												.06					
FALMOUTH 5 WNW	2.59		.43	.22									.36	.07	.84			.06									.61					T
FARMERS 1 WNW	5.00			.14								.02	.42	1.77	.73		.38	.78	.76													
FLEMINGSBURG	3.38		.19	.23								.10	.35	.29	1.12		.09	.32									.69					
FLEMINGSBURG 1 SW	3.06		.36								.08	T	.45	.52	.34		.35	.02								.94					T	
FORD LOCK 10	2.80		.08	.36								.05	.26	.52	1.35		T	T								.18	T					T
FRANKFORT LOCK 4	3.86		.63	.15	T							.02	.29	.04	2.07	T	T	.07								.02	.57			T		
GEORGETOWN WATER WORKS	4.52		1.20								-	.04	.41	.07	2.40			.10									.30					
GEST LOCK 3	4.71		.56	.12		T							.70	T	2.30	T	.18	.10	T								.63				.12	
HIGH BRIDGE LOCK 7	1.60		.76	.24								.09	.43	.04			.02										.02					T
KEENE 1 SSW	2.89		.94									.18	.21		1.48			.08									T					T
LA GRANGE 1 ESE	2.94		.26			T					.13		1.05	.20	.23	T	.15	.06									.83			.02	.01	
LANCASTER	2.53		*	.65								.30	.48		1.10																	
LEXINGTON WB AIRPORT R	3.18	.30	.74								.09	.21	.03	.90	.35		.05								.01	.45				.04	.01	
LITTLE HICKMAN LOCK 8	2.95		.47	.26								.18	.44		1.60												T					T
LOCKPORT LOCK 2	4.27		.72	.08								T	.60		1.75		.11	.14									.87					
MAYSVILLE SEWAGE PLANT	2.58		.49	.21								T	.34	.53	.68		.04	T	.05								.24					T
MIDWAY	3.09		.83	.27								.06	.43		.95		T	.08									.47					
MOUNT STERLING	4.10		.32								.08	.20	.54	2.00	.28		.57	T							.11						T	
OWENTON	3.20		.76			T						T	.48	T	1.56	T	.05	.15							T		.20				T	
RICHMOND	1.93		.20	.25								.13	.17	.03	.90		.15	.05									.05					T
SALVISA LOCK 6	4.25	.06	1.06	.29								.12	.23	.03	2.24		T	.09								.03	.10			T		
SHELBYVILLE	3.67		.66	.07								.05	.18	.07	1.45	.01	.07	.11									1.00					
SPRINGFIELD	3.03		.92									.20	.23	.25	.23											.77	.43					
TAYLORSVILLE	6.49		1.40	.05								.11	.23	.26	3.78		.06	.15									.35				.10	
TYRONE LOCK 5	3.83		.84	.30	T							.07	.31	.09	1.63	T	.18	.06	T							T	.33			T	.02	T
VALLEY VIEW LOCK 9	1.75	T	.35	.26								.08	.14	.01	.84	.01		T									.06					T
WARSAW MARKLAND DAM	2.31		.11	.04								.05	.80	.04	.68	T	.17	.12									.16				.14	

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

KENTUCKY
MAY 1970

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.35			.35								.55	.70	.10	.34	T	.31															
WILLIAMSTOWN 3 NW	3.66	T	.84	.01	T						T		.57	1.51	.12		.06	.08	.01							.04	.29			.13	T	T
* * *																																
EASTERN 04																																
ASHLAND	3.17			.19			T					.07	.11	1.23	.58	.01		.42	.09								.47					
BARBOURVILLE	2.12			.14									.84					.66									.48					
BAXTER	2.37			.10								T	.34	.32	T			.60									1.01				T	
BLAINE	2.57			.80									.64	.41	.28			.33									.11					
BUCKHORN	2.07			.20									.30	.21	.17	.03	.10	.45									.35	T			.26	
BURDINE 2 NE	2.36			.28									.60	.98			.30										.20					
CLAY CITY 1 WNW	3.03			.20								.15	.20	.46	1.06		.27	.62													.07	
COLLEGE HILL LOCK 11	2.36		.06	.20								.05	.42	.23	.46		T	.92									.02					
CUMBERLAND	2.33		.25	.02								.04	.63			T	.46										.93					
CUMBERLAND FALLS ST PK	1.11		.28										.02				.60										.21					
DEWEY DAM	2.29			.22									.40	.87	.18	.15		.40									.07					
ELKHORN CITY	3.15		T	.15	T						T	T	.45	1.35	.11		.45	.32									.31	.01				
FISHTRAP RESERVOIR	3.65			.18									1.25	1.25	.09		.36	.34									.18					
FREEBURN 2 SW	3.45			.20									.08	1.89	.33		.22	.48	.03								.22					
FRENCHBURG	3.46			.50									.76	.20			*	2.00								T						
GRAYSON 5 SE	2.57		.05	.23								.02	.79	.37	.46		.05	.17	.01								.42					
GRAYSON RESERVOIR	2.77		.03	.16								.17	.69	.35	.51		.23	.33									.30					
HAZARD WATER WORKS	2.69		.04	.09									.82	1.01	.08			.57									.08					
HEIDELBERG LOCK 14 R	2.70		.06	.22	T								.65	.05	.39		.66	.37									.13				.17	
HINDMAN 11 NNE	2.81			.19									1.08	.83	.15			.18									.38					
HYDEN	1.77			.21									.57	.29	.06			.31									.19				.14	
JACKSON	2.29			.28									.57	.15	.27	.11	.10	.76									.05					
JEREMIAH	2.19		.21	T								.03	.86	.45	T		.16	T								T	.48					
LLOYD GREENUP DAM	3.72			.11								T	.20	1.93	.49		.12	.52	.09								.26					
LONDON FAA AP	1.62		.18									.34	.19	.26	.15	.04	.46										T			T	T	
LOUISA 2	2.70			.26									.30	.61	.74		T	.57	T								.22					
MANCHESTER 4 SE	2.46			.20									.36	.16	.20		.42	.54									.58					
MARTIN	1.74			.25									.27	.90	.20												.12					
MC KEE	4.14		.03	.21									.97	.77	.50		.95	.44									.27					
MIDDLESBORO	1.74			.12									.55	.43			.25	.11									.25				.03	
MONTICELLO	.99		.14	.21								.04		.07			.31	.11									.10					.01
MOUNT VERNON	2.62		.26								T	.07	1.15	.11	.42		.61															
ONEIDA	2.27			.20									.41	.22	.37		.26	.48									.33					
PAINTSVILLE 1 S	2.76			.26									.30	.85	.25	.20	.35										.55					
PIKEVILLE	3.42		.03									.89	1.19	.28	.26	T	.47									.22	.08					
PINEVILLE 4 NW	2.34			.18									.50	.25			.45	.30									.64				.02	
RAVENNA LOCK 12	3.72		.04	.22								.01	.51	1.12	.81		.33	.66									.02					T
SALYERSVILLE 2 SE	3.37			.20									1.12	.74	.43		.46										.42					
SOMERSET 2 N	1.63		.28								.01	.06	.53		.29		.32										.03			.02	.09	
STEARNS	.92			.27													.40	T									.25					
TILFORD	2.94										.05	*	.91				1.00									T	.98					
TOMAHAWK 1 WSW	2.13			.22									.30	.81	.18		T	.30									.32					
VANCEBURG	4.80		.28								.06	T	.63	1.15	1.39		1.17	.05									.07					
WEST LIBERTY	3.25		T	.19								T	.84	.52	.78	.02	.12	.39	.02								.37					
WILLIAMSBURG 1 E	1.83			.13									.05				.15	.22									1.28					
WILLOW LOCK 13	2.42		T	.10									.49	.23	.41	T	.55	.37									.27					

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time EASTERN 01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	22	4.1	8.3	26++	22	09	71	74	48	51	4	4	5	0	1	0	14	-	5.5
LEXINGTON WB AIRPORT	20	3.2	8.0	20++	24	13+	72	78	52	54	0	6	4	2	0	0	12	-	4.9
LOUISVILLE WB AIRPORT	21	3.1	8.3	35	NW	25	79	84	52	56	1	5	7	0	0	0	13	68	5.1

DAILY TEMPERATURES

KENTUCKY
MAY
1970

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	79	65	69	78	82	71	82	83	81	74	80	85	86	85	85	70	75	79	84	87	88	90	91	91	90	85	85	88	85	84	75	81.7
	MIN	58	50	37	41	48	52	48	59	62	59	63	69	65	64	62	53	45	50	51	53	56	60	61	66	68	54	53	59	69	67	68	57.1
BEAVER DAM	MAX	87	70	64	77	79	77	80	85	84	80	78	86	85	86	83	72		77	83	85	88	90	90	91	89	86	80	86	86	81		82.2
	MIN	69	48	35	36	45	46	40	56	62	59	58	67	66	60	55	53		42	48	49	51	56	58	61	65	55	50	55	67	66		54.4
FORDS FERRY DAM 50	MAX		61	65	79	79	65	83	85	80	74	82	87	86	86	86	69	73	80	84	87	89	89	91	90	89	81	82	89	66	77	72	80.9
	MIN		45	40	45	53	51	49	55	62	58	61	70	66	65	57	50	48	51	56	57	58	61	64	66	64	55	57	61	68	66	66	57.5
GILBERTSVILLE 1 SE	MAX	86	65	70	79	83	78	83	87	83	77	81	87	87	87	87	79	77	80	64	86	88	89	91	92	90	87	82	86	85	81	72	82.9
	MIN	62	46	41	40	49	51	52	61	65	59	62	66	65	66	65	57	44	51	54	55	57	63	64	66	66	53	55	62	70	68	67	58.1
GOLDEN POND 8 N	MAX	82	70	63	66	77	80	69	81	81	80	70	79	84	86	84	84	67	81	76	82	85	87	89	90	90	90	84	86	86	85	70	80.1
	MIN	66	49	42	42	47	50	52	54	67	60	60	65	65	66	63	55	47	51	55	57	59	64	64	66	69	62	49	46	60	66	67	57.6
GREENVILLE 2 W	MAX	85	66	62	76	78	75	77	83	80	77	78	84	83	84	83	80	72	78	83	85	88	89	88	89	88	86	80	88	87	83	71	80.8
	MIN	65	47	36	35	45	47	41	59	60	58	60	65	65	65	64	55	45	44	49	50	53	58	60	62	65	56	53	54	68	62	66	55.2
HENDERSON 7 SSW	MAX	80	63	65	77	79	71	80	84	81	75	81	86	84	85	83	75	72	78	82	84	88	88	89	89	89	81	81	87	86	78	74	80.5
	MIN	63	45	38	44	51	48	47	63	68	58	62	69	70	67	65	51	47	51	55	56	58	61	64	68	70	53	56	60	68	68	67	58.4
HICKMAN 1 E	MAX																																
	MIN																																
HOPKINSVILLE	MAX	88	74	67	66	78	83	71	82	87	83	68	81	87	85	86	85	67	75	78	82	86	89	91	92	92	91	83	83	88	85	80	81.7
	MIN	66	48	39	40	40	49	47	48	58	63	59	62	66	66	64	55	46	47	50	53	55	57	62	62	65	58	56	56	61	68	68	55.9
LOVELACEVILLE	MAX	80	67	70	79	85	71	84	84	78	74	82	85	87	86	83	69	77	80	87	87	90	90	90	91	89	83	82	89	85	81	73	81.9
	MIN	61	42	35	40	48	51	47	60	65	60	63	68	65	66	60	53	43	50	51	53	55	60	60	65	65	53	53	59	70	67	58	56.3
MADISONVILLE 1 SE	MAX	85	67	66	78	79	78	80	83	88	78	80	84	84	84	84	82	73	79	84	86	89	88	89	89	89	88	87	87	87	85	74	82.4
	MIN	65	48	37	40	49	49	43	61	63	58	60	67	69	67	61	54	46	45	51	52	55	60	60	64	66	54	54	57	69	68	66	56.7
MAYFIELD RADIO WNGO	MAX	87	63	68	78	83	80	83	83	82	79	82	82	87	85	86	80	76	80	86	89	89	90	91	90	89	88	82	87	87	87	76	83.1
	MIN	61	46	44	35	45	50	48	52	51	59	62	65	66	67	63	55	46	48	51	52	56	59	61	61	66	53	51	56	67	65	57	55.4
MURRAY	MAX	86	69	63	65	75	82	72	85	80	74	71	85	85	85	86	82	74	79	83	87	89	90	91	93	90	81	83	87	86	79	72	80.9
	MIN	66	46	39	43	52	50	49	59	65	59	61	67	65	65	63	55	46	50	53	56	59	63	63	66	67	59	55	60	68	67	67	58.2
OWENSBORO 2 W	MAX	82	67	68	77	79	73	79	84	82	75	79	85	84	84	84	68	73	79	85	82	89	90	90	91	90	82	84	88	87	82	73	81.1
	MIN	66	47	39	41	49	46	46	57	60	57	62	67	65	66	62	52	46	46	52	55	57	60	61	64	70	52	57	60	66	67	67	56.8
PADUCAH FAA AIRPORT	MAX	73	62	67	77	80	68	80	83	77	71	79	84	84	83	82	68	75	79	82	85	85	87	87	89	88	80	80	85	83	80	72	79.2
	MIN	52	45	40	45	52	52	50	63	66	60	64	70	65	67	57	50	45	52	56	54	57	64	63	67	69	56	56	60	68	68	69	58.1
PADUCAH	MAX																																
	MIN																																
PRINCETON 1 SE	MAX	86	63	65	76	80	81	80	83	83	77	81	84	84	84	85	81	74	78	84	85	87	88	89	89	89	87	80	86	86	84	73	81.7
	MIN	61	46	35	38	48	49	45	59	66	60	60	68	67	66	65	52	44	47	48	53	56	60	61	65	66	54	53	56	70	68	66	56.5
ROCHESTER LOCK 3	MAX	86			63	76	79	68	79			68	78	84	83	84			77	78	82	86	87			87	86	81	80	87			
	MIN	64			39	40	46	41	44			60	62	66	62	62			45	48	50	52	57			60	56	51	53	57			
RUSSELLVILLE	MAX	86	81	64	63	74	80	70	84	84	81	70	79	85	84	84	85	65	72	78	82	85	88	89	89	90	89	80	80	86	84	76	80.2
	MIN	71	46	36	34	40	48	45	50	55	68	62	62	66	64	63	56	42	42	47	49	53	58	58	60	61	60	52	58	64	64	66	54.8
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	85	79	64	76	78	75	78	83	83	80	80	83	79	84	84	84	72	78	83	86	88	89	89	89	87	87	80	85	85	83	80	81.8
	MIN	72	45	36	42	48	41	40	56	65	59	56	64	62	60	63	54	45	43	50	56	59	62	62	64	64	52	49	56	66	65	66	55.5
BARDSTOWN NAZARETH COL	MAX	87	78	63	73	77	76	75	83	82	82	78	84	82	83	84	84	69	74	79	84	88	88	88	88	88	82		87	85	80		81.1
	MIN	74	46	37	37	53	42	35	56	64	60	57	64	65	60	63	54	44	45	49	48	53	61	62	65	66	54		54	67	64	64	55.4
BARREN RIVER RESERVOIR	MAX	88	82	65	60	74	80	66	80		84	72	79	86	85	86	86	65	72	75	84	87	90	92	92	93	92	81	92	88	84	73	81.1
	MIN	65	50	38	31	39	45	35	41	57	58	59	60	66	65	62	58	43	43	45	46	49	53	57	59	63	62	50	54	60	65	65	53.0
BERNHEIM FOREST	MAX	87	80	66	76	78	77	78	85	85	83	81	86	82	87	86	86	70	78	83	85	88	90	90	91	89	87	81	87	86	83	78	82.9
	MIN	70	47	35	35	46	42	34	53	62	60	56	65	65	61	60	54	41	41	45	50	54	52	57	59	62	51	47	53	65	62	66	53.2
BOWLING GREEN FAA AP	MAX	83	65	61	73	82	68	80	85	83	70	78	88	84	85	85	65	76	78	82	88	88	92	91	92	90	83	80	87	84	78	76	80.6
	MIN	60	46	42	37	48	47	41	54	63	60	58	64	65	62	62	52	44	44	48	52	55	60	59	63	64	59	53	58	67	64	65	55.4
BRADFORDSVILLE	MAX	88	80	52	64	73	78	64	78	83	82	75	80	83	83	84	84	67	71	77	83	87	89	89	90	90	89	80	82	88	85	81	80.0
	MIN	72	47	39	33	44	42	31	46	65	68	56	63	62	60	57	56	43	38	42	47	52	56	55	56	59	56	45	49	64	61	64	52.5
CAMPBELLSVILLE 2 SSW	MAX	86	76	59	73	78	76	74	83	86	82	77	84	83	82	83	84	72	75	81	85	88	90	94	90	90	81	78	87	86	78	80	81.3
	MIN	72	50	40	36	48	39	37	56	56	62	58	65	64	62	60	57	44	42	44	53	58	60	58	59	62	57	51	56	66	62	60	54.6
CECILIA	MAX	84	77	63	74	74	70	77	83	81	80	77	83	82	85	84	82	70	77	83	86	88	90	89	90	89	88	78	88	86	85	76	81.3
	MIN	72	45	37	37	47	45	37	54	62	59	56	66	64	63	60	56	42	42	47	50	54	59	58	59	61	55	57	52	66	64	66	54.6
GLASGOW WKAY	MAX	83	66	61	73	78	74	80	84	82	78	78	86	84	85	85	82	69	76	83	86	88	91	89	92	92	80	78	86	83	74	77	80.7
	MIN	66	49	40	35	45	45	42	55	64	58	57	64	65	60	60	57	41	42	45	50	54	59	58	60	62	60	52	58	68	64	66	54.9
GREENSBURG	MAX	90	89	61	61	75	80	67	80	85	84	74	78	85	85	87	87	67	71	78	85	88	90	92	91	93	92	81	82	89	82	76	81.5
	MIN	64	52	41	36	37	47	37	40	52	61	54	57	59	63	59	60	46	42	45	50	53	55	57	59	62	58	52	53	58	64	64	52.8
HODGENVILLE-LINCOLN NP	MAX	86	79	63	72	77	77	75	83	85	82	78	84	84	85	86	85	70	75	80	85	87	90	91	90	90	81	79	88	86	82	77	81.7
	MIN	73	46	38	37	47	44	37	55	55	59	56	64	64	63	61	56	43	43	48	50	54	59	58	60	64	54	52	52	67	63	65	54.4
IRVINGTON	MAX	85	76	63	75	76	74	75	84	83	80	81	84	83	84	85	82	70	74	81	85	87	88	87	89	88	87	79	85	86	84	71	81.0
	MIN	73	46	35	36	43	37	37	56	59	58	59	66	66	63	57	54	40	41	41	50	52	57	57	59	61	53	50	53	64	65	65	53.3
LEITCHFIELD 2 N	MAX	84	68	65	76	77	74	78	87	84	80	78	87	86	85	84	82	74	76	84	85	87	91	93	91	91	85	84	86	87	80	74	82.0
	MIN	68	47	37	36	46	46	38	54	60	60	59	64	64	63	59	57	43	42	46	50	53	58	58	59	62	57	50	51	68	64	62	54.2
LOUISVILLE	MAX	90	84	67	78	80	81	76	85	85	86	82	87	63	87	87	84	69	75	80	83	87	87	87	89	89	87	79	87	88	85	75	82.9
	MIN	76	48	43	44	53	45	44	49	67	61	61	66	68	64	62	60	47	49	53	58	61	65	68	68	70	58	56	58	70	68	66	58.9
LOUISVILLE WB AP	MAX	82	64	61	74	77	63	75	83	82	71	80	84	82	84	84	64	70	76	81	84	86	87	87	89	88	78	78	84	84	78	77	78.6
	MIN	59	48	41	40	48	43	41	54	63	60	58	66	65	64	60	51	45	45	50	56	57	62	62	63	66	55	51	58	68	65	66	55.8
MAMMOTH CAVE PARK	MAX	86	71	62	75	79	80	77	84	83	80	76	83	83	84	84	83	70	76	82	85	88	89	87	89	88	79	79	86	85	75	74	80.7
	MIN	70	44	36	28	43	55	34	35	61	58	56	64	65	61	60	56	42	41	43	48	48	56	57	59	53	55	50	54	67	62	64	52.4

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	87	83	65	63	77	79	66	78	85	83	70	88	84	84	86	85	65	72	78	83	88	89	91	90	92	89	81	80	87	85	74	80.9
	MIN	64	47	41	35	35	45	35	42	60	64	59	62	58	58	58	57	44	42	46	49	52	51	55	56	60	58	49	48	62	64	66	52.3
ROUGH RIVER DAM	MAX	86	74	65	64	78	78	67	80	84	82	68	76	86	83	85	85	67	72	79	84	87	89	90	90	91	89	82	82	89	85	78	80.5
	MIN	69	46	35	36	38	46	42	45	62	62	59	64	68	65	61	55	43	43	45	52	53	55	59	59	63	53	51	54	60	65	66	54.0
SCOTTSVILLE 3 SSW	MAX	84	67	61	73	78	73	78	84	82	77	77	84	84	84	84	78	69	75	81	84	86	89	88	89	88	80	78	84	80	74	74	79.6
	MIN	66	45	42	38	50	48	44	58	64	59	59	64	64	64	63	57	47	48	54	57	58	63	63	67	66	61	54	58	66	63	65	57.3
SUMMER SHADE	MAX	80	70	69	70	77	76	77	82	82	77	75	84	83	83	83	79	70	75	81	84	87	88	88	89	88	77	78	86	82	72	78	79.7
	MIN	70	48	45	35	45	47	40	55	61	60	58	65	63	61	61	58	42	43	49	50	54	59	57	59	61	62	50	57	65	63	65	55.1
WOLF CREEK DAM	MAX	89	80	55	61	73	78	68	78	85	84	77	77	85	85	85	87	69	78	77	83	87	89	91	90	93	90	80	82	89	89	75	80.9
	MIN	64	51	39	37	41	46	33	41	53	56	51	56	54	60	54	54	47	39	42	44	48	55	53	53	52	52	46	48	62	59	61	50.0
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	86	82	56	70	77	74	76	83	83	78	79	83	83	83	84	79	70	73	80	84	88	88	88	89	89	83	78	86	83	80	80	80.5
	MIN	70	48	42	37	52	43	42	57	63	62	60	60	65	60	65	56	46	43	49	52	57	60	62	63	64	60	52	57	65	64	65	56.2
CARROLLTON LOCK 1	MAX	86	79	62	74	77	76	74	83	82	82	80	84	79	83	84	83	69	73	81	83	86	86	87	89	89	78	75	81	83	83	79	80.3
	MIN	73	46	37	38	47	40	34	51	60	61	57	61	68	62	59	54	43	41	46	54	58	58	59	63	63	53	47	54	61	64	65	54.1
COVINGTON WB AIRPORT	MAX	81	62	61	75	76	60	72	84	84	75	83	85	81	84	85	64	69	75	82	86	88	89	89	91	91	78	76	81	84	80	80	79.1
	MIN	58	46	36	40	46	42	38	55	65	60	59	62	63	62	59	48	43	41	47	56	60	60	62	64	65	53	46	53	64	66	68	54.4
CYNTHIANA 2	MAX	85	81	60	60	73	77	62	72	84	84	73	84	83	82	84	84	66	69	75	83	86	89	89	89	92	90	80	78	86	87	82	79.6
	MIN	65	50	37	35	38	38	38	40	52	61	56	60	63	62	58	60	44	38	43	50	55	57	57	60	62	53	45	47	58	63	57	51.7
DANVILLE	MAX	87	80	56	59	71	77	62	75	83	82	74	79	83	83	84	84	67	69	74	80	84	86	89	89	90	90	79	79	86	83	76	78.7
	MIN	68	49	41	38	38	42	37	37	58	63	57	59	64	61	61	59	46	46	46	51	55	60	62	63	66	60	53	53	53	63	63	53.9
DIX DAM	MAX	86	81	58	69	75	75	72	82	81		81	84	84	83	85	85	68	72	79	83	85	88	89	90	90	89	79	84	85	84	84	81.0
	MIN	71	45	41	36	50	42	37	47	61		57	60	62	60	62	57	45	44	49	52	57	60	62	63	65	57	51	55	64	58	66	54.5
FALMOUTH 5 WNW	MAX	83	76	61	74	76	73	72	84	83	75	84	86	81	84	84	82	69	75	83	87	89	87	87	90	87	77	73	82	84	80	82	80.3
	MIN	65	46	32	33	42	35	32	45	56	56	54	60	63	60	56	54	38	35	41	50	53	55	56	59	56	48	40	47	57	60	64	49.9
FARMERS 1 WNW	MAX	87	79	60	71	75	69	73	83	83	79	82	82	83	87	87	82	67	74	81	88	87	86	86	88	88	79	76	83	84	81	84	80.5
	MIN	67	48	42	37	44	41	34	43	52	55	55	52	58	59	59	58	46	49	43	55	58	60	59	58	61	60	44	52	59	59	61	52.5
FLEMINGSBURG 1 SW	MAX	83	77	57	73	75	69	69	80	81	76	79	77	80	81	80	79	65	72	80	84	86	86	85	87	85	77	75	81	83	80	80	78.1
	MIN	69	46	38	34	46	38	35	48	61	60	57	60	62	59	60	57	45	38	44	54	57	59	59	60	63	57	48	52	62	60	63	53.3
FRANKFORT LOCK 4	MAX	87	82	60	62	75	77	64	74	84	82	71	81	85	83	85	84	64	70	77	83	85	88	88	88	89	88	79	79	84	85	78	79.4
	MIN	64	47	38	39	39	42	35	37	50	60	56	59	61	61	60	59	45	42	44	51		59	60	61	63	54	49	53	59	65	67	52.6
LEXINGTON WB AIRPORT	MAX	79	64	57	71	74	59	72	80	80	71	78	82	80	81	82	67	67	72	79	83	87	86	86	87	88	75	75	86	83	78	82	77.1
	MIN	64	45	40	39	50	41	40	54	62	59	58	61	63	63	65	53	45	45	51	54	62	61	64	67	63	56	52	56	67	66	66	55.9
MAYSVILLE SEWAGE PLANT	MAX	86	86	58	60	74	77	60	71	84	84	70	82	80	82	84	85	67	68	75	84	87	89	89	89	90	89	79	76	82	84	83	79.2
	MIN	63	51	39	39	39	40	34	35	49	59	55	56	60	60	61	61	45	41	43	47	55	58	59	60	62	55	45	46	50	58	63	51.2
MOUNT STERLING	MAX	85	81	59	72	75	77	72	83	83	82	79	84	82	83	84	82	65	73	80	83	88	87	87	89	89	80	77	84	82	82	81	80.3
	MIN	70	46	42	37	38	40	36	53	60	64	58	60	62	61	64	57	46	42	47	55	59	61	64	65	65	59	51	53	62	62	63	54.9
OWENTON	MAX	84	79	61	60	72	75	60	72	81	81	71	81	82	86	81	82	60	67	74	82	85	87	87	86	88	86	71	75	84	85	85	77.7
	MIN	70	45	38	40	45	40	39	40	59	64	58	59	64	61	62	56	45	47	52	57	61	67	67	67	68	54	52	50	54	63	64	55.1
RICHMOND	MAX	86	83	54	60	71	77	61	73	83	83	78	80	85	83	83	84	68	63	73	81	83	88	89	89	90	90	80	78	84	84	80	78.8
	MIN	69	52	41	37	42	42	40	45	53	60	57	59	63	60	62	59	44	43	48	52	59	62	60	64	64	59	52	55	62	64	65	54.6
SHELBYVILLE	MAX	84	79	64	60	72	76	61	72	81	80	68	79	83	78	82	83	62	70	74	84	84	86	87	87	88	86	78	76	82	83	76	77.6
	MIN	68	46	37	37	38	39	37	38	54	61	55	57	64	60	61	57	43	43	43	52	57	60	61	62	63	52	49	52	55	64	65	52.6
WARSAW MARKLAND DAM	MAX	85	81	65	63	75	77	61	75	83	83	73	82	85	80	84	84	63	68	76	83	85	87	86	87	90	89	78	76	82	84	80	79.0
	MIN	60	49	35	32	40	43	32	33	44	60	55	55	61	60	59	54	42	42	41	45	54	56	56	57	61	52	45	43	57	63	65	50.0
WAYNESBURG 7 NE	MAX	84	76	56	69	75	69	74	81	81	79	75	80	79	81	82	78	66	73	80	84	86	86	85	87	87	76	77	84	80	75	79	78.2
	MIN	70	46	41	39	45	42	37	49	57	60	56	59	60	58	59	55	43	42	46	53	60	60	58	59	61	59	51	54	64	61	62	53.7
WILLIAMSTOWN 3 NW	MAX	81	75	60	73	75	70	72	81	81	78	80	84	78	82	83	80	67	73	81	85	87	87	85	88	86	77	73	80	83	80	80	78.9
	MIN	71	46	37	41	50	38	37	57	63	63	56	60	63	61	62	53	43	45	52	58	63	64	64	64	65	52	50	55	63	63	64	55.6
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	91	88	60	59	73	77	61	72	84	81	84	84	69	86	80	87	69	64	78	82	86	89	89	88	89	89	78	74	83	85	83	79.4
	MIN	63	58	41	40	42	41	31	30	42	52	54	58	59	58	59	59	46	38	38	38	52	58	58	58	60	63	45	47	48	54	61	50.0
BARBOURVILLE	MAX	88	84	60	55	72	78	69	80	86	83	81	79	85	85	86	88	69	69	76	83	87	90	90	89	90	89	78	80	86	82	82	80.6
	MIN	59	60	47	42	41	41	33	33	36	44	44	57	59	59	60	54	48	41	41	42	46	55	50	54	55	59	49	49	49	59	59	49.2
BAXTER	MAX	90	85	65	55	71	77	67	76	84	84	81	79	82	84	86	87	72	67	77	84	88	92	90	89	90	89	80	81	86	80	76	80.5
	MIN	59	57	45	42	40	40	33	33	39	50	55	55	59	57	58	59	47	41	41	42	47	56	56	56	57	57	49	48	49	57	61	49.8
BLAINE	MAX	91	87	57	58	74	79	64	74	85	86	83	84	71	86	85	87	68	66	75	82	87	90	91	88	90	91	79	77	85	86	82	80.3
	MIN	59	57	43	40	37	41	29	34	41	48	46	55	57	53	58	57	45	37	34	39	46	54	56	55	57	54	44	43	41	51	52	47.2
CUMBERLAND	MAX	87	75	54	70	76	76	78	83	84	81	80	85	83	85	85	73	73	75	84	85	90	90	91	91	88	74	79	85	83	80	75	80.6
	MIN	58	51	45	42	37	37	29	37	52	54	54	57	57	53	52	57	48	40	38	42	53	53	60	65	67	61	47	44	58	58	60	50.5
DEWEY DAM	MAX	91	90	62	56	75	80	65	77	87	87	86	86	74	87	87	89	69	70	77	84	86	92	92	90	92	92	82	80	87	82	84	81.9
	MIN	60	60	48	45	42	41	31	31	41	50	52	52	55	58	59	55	49	44	43	45	54	52	58	57	58	60	50	46	47	56	57	50.2
GRAYSON 5 SE	MAX	90	87	56	59	75	79	63	74	84	86	84	84	69	84	85	86	69	65	75	83	87	90	90	89	92	90	79	76	85	84	83	80.1
	MIN	62	55	42	39	39	38	29	30	41	51	54	57	58	58	58	58	46	36	37	40	53	54	56	57	58	58	45	45	46	53	55	48.6
HEIDELBERG LOCK 14	MAX	90	84	57	71	77	78	73	83	84	85	80	82	85	85	85	85	69	73	81	84	89	89	89	89	90	90	79	84	85	81	84	81.9
	MIN	60	50	46	39	40	44	31	41	49	51	54	59	58	61	58	60	45	39	41	48	55	57	57	55	58	63	47	47	56	58	58	51.1
HINDMAN 11 NNE	MAX	91	90	63	55	71	80	65	77	86	87	86	84	79	84	85	87	70	67	74	83	84	89	91	90	90	90	78	79	86	85	81	80.9
	MIN	59	56	47	43	39	39	31	32	40	51	55	56	56	57	58	55	48	38	39	40	48	55	55	53	55	57	46	45	51	52	55	48.7
HYDEN	MAX	90	85	61	55	70	77	64	76	83	84	83	81	82	83	84	86	69	66	78		84	88	88	88	88	90	76	77	86	79	78	79.3
	MIN	57	56	47	43	41	41	35	34	40	51	55	56	58	58	60	58	49	42	42	42		56	58	56	57	60	49	49	49	55	56	50.3
JACKSON	MAX	92	87	61	58	76	81	69	79	86	87	85	85	84	87	88	89	68	69	78	85	89	92	91	92	93	94	83	83	89	89	81	82.9
	MIN	62	61	48	44	43	43	34	34	43	53	55	58	60	59	61	62	48	42	42	44	50	58	59	59	59	60	50	49	48	56	56	51.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	60	68	55	71	76	66	76	83	83	81	78	84	83	83	84	67	67	73	80	84	88	88	87	89	88	78	79	86	81	76	63	78.9
	MIN	65	45	44	40	44	45	36	46	57	56	55	60	60	63	57	52	45	41	44	50	55	59	58	56	60	55	50	52	61	61	62	52.7
MANCHESTER 4 SE	MAX	88	81	55	70	76	76	75	83	84	82	81	83	83	83	84	83	67	73	78	84	88	88	88	90	88	85	77	85	83	79	84	80.8
	MIN	65	51	46	42	36	43	32	40	50	51	54	58	59	59	59	60	49	42	41	45	56	58	55	53	56	68	46	47	55	55	56	51.2
MC KEE	MAX	90	82	55	57	71	76	63	78	84	85	80	80	83	64	83	85	67	65	75	81	83	88	88	86	89	89	76	77	84	80	72	78.6
	MIN	60	53	43	36	38	42	30	34	44	51	52	54	58	59	55	57	44	37	39	42	48	55	54	54	55	58	47	45	48	54	56	48.5
MIDDLESBORO	MAX	86	81	65	55	71	77	68	76	80	81	80	76	82	82	84	85	85	68	76	83	86	88	89	88	88	85	78	80	84	76	76	79.3
	MIN	62	58	42	43	39	39	33	33	42	50	58	59	59	58	58	56	43	36	38	41	46	57	57	54	55	57	47	49	49	60	60	49.6
MONTICELLO	MAX	85	76	58	72	78	74	78	84	84	79	78	85	84	85	85	80	70	76	83	86	88	90	89	92	90	84	82	88	84	79	81	81.5
	MIN	71	50	41	38	43	46	33	48	63	64	55	64	60	62	58	58	46	41	43	48	52	56	56	55	60	62	48	52	62	65	62	53.6
MOUNT VERNON	MAX	88	80	59	72	77	76	76	84	85	82	78	82	83	84	85	85	70	75	82	86	89	88	89	89	89	88	79	86	84	81	84	81.8
	MIN	69	47	40	36	45	43	36	50	62	62	57	60	62	58	60	56	45	40	44	49	55	58	58	58	60	60	49	56	62	61	65	53.6
PIKEVILLE	MAX	92	80	57	73	82	75	77	88	89	86	84	82	87	89	90	79	68	77	85	88	92	94	93	92	90	82		88	87	83	90	84.0
	MIN	61	53	49	45	43	50	34	42	52	53	57	60	58	59	60	57	49	44	44	50	60	56	59	57	59	65		49	58	59	59	53.4
SOMERSET 2 N	MAX	83	81	58	70	77	74	74	81	82	78	76	83	83	83	84	83	70	74	81	83	87	88	88	89	88	85	77	84	80	78	77	80.0
	MIN	70	49	39	37	42	46	37	46	55	62	52	57	59	59	57	58	41	39	42	47	53	56	56	56	58	62	49	53	64	62	60	52.4
STEARNS	MAX	86	78	79	60	70	75	67	77	86	82	80	83	84	80	82	84	84	64	75	82	85	87	88	87	84	87	75	75	77	85	81	79.6
	MIN	66	50	44	40	40	44	38	38	49	50	56	60	60	60	60	57	47	42	42	48	53	57	61	59	59	62	51	52	52	58	62	52.2
TOMAHAWK 1 WSW	MAX						80	64	75	85	88	86	85	71	85	85	87	67	67	75	82	85	89	88	88	89	89	79	76	85	85	83	81.5
	MIN	58	58	46	42	38	38	29	29	39	49	53	58	58	56	56	56	47	38	37	38	46	55	55	56	55	55	44	42	42	52	55	47.7
VANCEBURG	MAX	90	85	58	74	77	77	72	84	86	82	86	80	83	85	86	84	64	74	82	87	89	89	88	88	89	80	75	83	87	86	82	81.7
	MIN	63	54	37	33	39	36	30	40	55	51	53	60	59	57	59	60	44	35	41	50	55	56	56	56	60	58	43	45	54	54	58	50.0
WEST LIBERTY	MAX	89	85	59	58	73	78	65	75	84	85	82	82	79	85	85	85	70	65	75	82	86	88	90	88	90	90	78	79	85	85	80	80.0
	MIN	60	58	44	40	40	44	32	32	41	49	55	55	58	58	60	60	45	40	40	45	51	57	57	58	58	60	47	49	51	54	54	50.1
WILLIAMSBURG 1 E	MAX	85	79	61	72	78	74	79	84	82	80	78	85	84	85	87	86	85	81	80	82	88	89	88	88	82	78	79	84	81	79	80	81.4
	MIN	69	48	46	42	42	44	34	55	55	59	55	60	62	62	58	40	42	47	39	40	41	57	55	64	62	50	49	51	60	60	61	51.9

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.39	.09	.26	.16	.18	.29	.12	.27	.36	.51	.17	.22	.31	.26	.33	.38	.03	.23	.23	.26	.27	.28	.35	.18	.31	.35	.33	.29	.31	.34	.16	8.22
	WIND	143	93	56	31	27	43	44	65	109	132	82	90	93	86	56	82	24	22	27	20	20	16	21	31	34	56	36	36	54	94	114	1837
	MAX	92	78	82	75	75	78	76	-	85	88	72	84	-	86	85	84	75	84	90	92	95	96	94	95	93	93	88	87	89	91	80	85.6
	MIN	67	42	46	50	52	50	48	-	62	65	60	61	-	69	70	61	51	51	55	60	61	63	62	67	68	64	61	60	60	67	66	59.3
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.27	-	.06	.11	.23	.33	.16	.25	.31	.36	.08	.15	.21	.22	.26	.34	.09	.32	.30	.19	.16	.26	.35	.26	.28	.24	.33	.25	.32	.22	.08	7.228
	WIND	73	78	33	25	24	47	30	32	83	88	50	49	55	56	51	52	28	30	24	19	23	20	30	32	29	37	41	15	30	43	44	1271
WOLF CREEK DAM	EVAP	.20	.31	.08	.08	.15	.21	.20	.15	.23	.24	.06	.09	.23	.12	.33	.25	.25	.03	.19	.20	.23	.17	.21	.24	.22	.08	.24	.35	.19	.08	.16	5.77
	WIND	39	48	10	12	11	18	21	11	31	49	21	26	15	23	16	24	8	15	11	10	11	11	10	10	8	17	19	16	18	26	24	589
	MAX	88	81	58	65	84	85	83	85	85	87	74	76	88	92	91	89	87	93	87	92	94	95	96	97	96	96	92	89	91	86	76	86.4
	MIN	66	57	46	46	47	52	44	44	53	61	55	58	58	58	62	57	56	48	51	54	55	60	63	63	63	65	55	56	64	63	55	56.0
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.24	*	*	.55	.20	.30	.30	.20	*	*	.54	.22	.20	.46	.20	*	*	.60	.20	.27	.23	.27	.18	.27	.25	.27	.32	.29	.32	.47	-	7.608
	WIND	66	*	*	166	20	79	47	27	*	*	126	43	44	47	21	52	56	30	22	18	17	16	14	23	25	53	60	47	56	83	-	13008
	MAX	90	-	-	83	85	83	76	82	-	-	89	86	90	90	91	95	94	85	87	92	95	97	96	96	97	98	86	87	90	-	85	89.4
	MIN	68	-	-	46	49	50	46	46	-	-	57	60	65	63	63	66	54	55	54	60	66	68	69	67	67	61	57	58	57	-	60	58.9
* * * EASTERN 04																																	
BUCKHORN	EVAP	-	.20	.30	-	.30	.25	.20	.25	.14	.22	.24	.11	.11	.24	.19	.23	.04	.21	.20	.19	.20	.21	.24	.34	.14	.21	.27	.22	.17	.10	.02	6.148
	WIND	47	48	26	14	17	40	34	20	42	36	47	46	29	41	19	28	24	42	16	12	12	10	20	20	17	21	34	14	11	13	11	811
	MAX	86	84	66	60	80	82	77	82	83	85	83	85	87	88	94	95	71	75	88	92	96	99	97	92	98	97	89	92	93	91	83	86.1
	MIN	68	66	52	50	50	53	48	48	53	59	60	62	64	65	65	56	56	53	53	56	60	65	55	65	62	65	60	59	59	66	55	58.3
DEWEY DAM	EVAP	.15	.14	.06	.05	.11	.20	.18	.14	.14	.17	.20	.08	.07	.17	.14	.16	.06	.12	.18	.14	.16	.14	.22	.20	.15	.2[illegible]	.20	.19	.16	.15	.19	4.62
	WIND	10	13	11	7	10	23	22	8	12	15	19	9	6	13	6	8	4	15	10	8	5	6	5	7	9	9	14	10	8	12	20	334
	MAX	87	88	67	60	75	83	77	75	85	86	82	85	75	85	93	93	72	76	85	86	91	96	96	98	98	-	-	-	-	-	-	83.8
	MIN	66	66	52	50	49	51	43	40	52	52	58	60	50	58	65	65	57	54	53	54	59	66	64	65	66	-	-	-	-	-	-	56.6

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL	4	MAX	77	71	74	72	73	73	72	69	70	70	71	70	70	72	74	74	69	69	72	75	74	74	75	80	81	76	-	87	81	79	78	74.1
		MIN	44	69	64	63	62	66	64	62	66	66	64	68	67	67	69	69	62	62	65	65	67	67	71	71	72	70	-	71	75	74	72	66.5
	20	5PM	61	62	62	61	61	61	61	61	61	62	62	62	63	64	64	64	65	64	64	64	64	65	66	66	67	66	-	70	70	71	70	64.1
BEREA COLLEGE	4	MAX	70	69	63	62	65	65	62	66	68	68	67	69	71	72	74	73	71	67	69	71	72	73	73	74	74	74	72	74	74	74	73	70.0
		MIN	67	63	62	61	62	60	57	62	64	65	63	65	67	69	61	69	66	62	63	64	68	69	69	70	71	71	68	71	70	70	71	65.8
	20	5PM	62	63	62	61	61	61	62	62	62	63	63	63	64	65	66	67	66	66	66	66	66	67	67	68	68	69	69	69	69	69	69	65.2
CAMPBELLSVILLE 2 SSW	4	MAX	70	70	69	73	67	68	67	70	70	71	70	71	73	74	75	76	76	72	73	75	77	79	80	80	80	80	79	82	76	77	77	74.1
		MIN	68	65	55	56	60	60	59	63	66	65	64	67	68	69	70	70	65	64	65	67	69	71	70	70	71	72	72	70	72	72	70	66.6
	20	6PM	60	62	61	60	60	60	60	60	62	62	61	62	63	64	65	66	65	65	65	65	66	67	67	68	69	69	69	69	68	69	69	64.5
CUMBERLAND GAP PARK	4	MAX	70	70	-	65	65	66	65	67	69	70	67	71	72	74	75	75	69	70	71	72	70	75	76	75	76	75	77	77	76	76	74	71.7
		MIN	65	65	59	57	56	59	57	59	62	63	65	64	67	67	69	69	62	63	63	67	67	69	70	70	70	71	67	65	70	68	68	64.9
	20	5PM	61	62	61	60	60	61	60	61	61	62	62	63	64	65	65	66	64	65	65	66	66	67	68	68	69	69	68	67	69	68	68	64.5
FLEMINGSBURG 1 SW	4	MAX	68	68	60	63	64	64	62	63	64	65	69	65	66	70	70	70	69	65	68	70	71	71	71	71	72	69	69	69	69	69	68	67.5
		MIN	64	60	55	54	57	56	54	57	57	60	59	62	62	62	65	64	59	57	59	62	64	66	67	66	67	66	63	63	65	66	66	61.4
	20	6PM	57	59	58	57	57	57	57	57	58	58	58	59	59	60	61	62	62	60	60	61	61	62	63	63	64	64	64	64	64	64	64	60.5
GLASGOW WKAY	4	MAX	70	69	64	66	66	64	67	69	69	68	68	71	72	73	74	74	69	71	72	74	72	76	76	76	76	78	78	76	75	74	72	71.6
		MIN	68	64	60	58	61	61	60	62	65	66	64	66	67	69	68	69	63	62	64	65	68	68	69	70	70	71	68	68	71	70	70	66.0
	20	6PM	61	61	61	60	60	60	60	61	61	61	61	62	63	63	64	64	63	63	64	64	65	65	65	66	66	67	67	67	67	67	67	63.4
GREENVILLE 2 W	4	MAX	74	72	72	72	73	74	74	73	73	73	70	75	75	78	78	79	75	77	79	80	81	82	83	82	82	83	83	82	82	83	78	77.3
		MIN	69	65	61	59	64	64	62	61	68	67	66	69	72	72	72	70	66	67	68	70	72	74	75	75	75	75	73	72	77	75	75	69.4
	20	5PM	62	63	62	62	62	62	62	63	63	63	63	63	65	65	65	66	66	66	66	67	67	68	69	69	69	70	69	70	75	70	70	65.9
HENDERSON 7 SSW	4	MAX	70	68	68	68	69	69	70	70	71	70	69	72	72	73	73	73	71	72	74	74	75	76	76	76	77	77	77	76	75	76	74	72.6
		MIN	68	65	63	63	65	65	65	66	69	66	66	69	70	71	71	71	68	68	68	71	72	73	74	74	75	74	72	72	74	74	72	69.5
	20	6PM	62	62	61	61	61	61	61	62	62	62	62	63	64	65	65	65	65	65	65	66	66	67	67	67	68	68	68	68	68	68	68	64.6
IRVINGTON	4	MAX	69	69	67	64	65	65	63	65	67	81	66	70	70	72	72	72	68	70	68	72	72	73	73	73	74	75	74	73	73	73	70	70.3
		MIN	68	64	59	57	59	57	57	60	63	59	63	66	68	68	68	68	63	63	61	64	65	67	68	68	69	69	66	66	70	70	68	64.5
	20	4PM	58	58	59	57	57	57	57	57	58	65	68	59	60	60	61	61	61	60	61	60	61	61	62	62	63	63	63	63	63	63	63	60.7
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	79	67	71	82	79	79	86	88	87	70	83	86	84	87	88	72	74	86	88	92	96	95	96	95	91	82	89	92	90	80	-	84.5
		MIN	66	50	45	43	51	45	42	53	60	59	58	61	64	63	63	57	51	48	53	59	63	66	67	67	69	61	56	59	67	67	-	57.8
	2	MAX	77	67	66	77	75	79	80	81	82	69	79	82	81	84	84	72	70	81	85	88	90	90	90	90	89	80	85	88	86	78	-	80.8
		MIN	67	53	48	45	53	49	46	60	61	61	59	63	64	64	64	58	53	50	55	60	65	67	68	69	71	64	59	61	68	68	-	59.8
	4	MAX	73	68	63	70	70	68	71	74	75	66	73	74	75	78	78	71	68	74	77	80	83	83	84	84	83	76	79	81	80	75	-	75.1
		MIN	67	57	52	50	56	53	50	57	62	63	61	64	66	65	66	61	57	54	58	63	67	69	70	71	72	66	62	64	69	70	-	62.1
	8	MAX	70	68	61	63	64	63	64	62	69	67	68	69	69	72	73	71	65	67	70	73	76	77	77	78	76	73	73	75	75	72	-	70.0
		MIN	67	61	56	54	58	57	55	59	63	64	62	64	66	65	67	64	60	58	61	64	67	69	71	72	73	69	66	66	70	70	-	63.9
(SOD)	1	MAX	71	67	64	67	68	65	68	68	69	65	69	76	72	74	75	70	66	70	74	76	78	77	78	94	78	75	76	77	76	72	75	72.6
		MIN	67	60	57	55	59	58	56	59	62	63	62	64	66	65	67	64	61	59	61	63	65	67	68	68	70	67	65	65	68	68	68	63.5
	2	MAX	70	68	63	66	67	65	61	68	68	65	69	70	71	73	74	70	66	69	72	74	76	76	77	90	79	75	75	76	75	72	74	71.4
		MIN	67	61	58	56	60	59	57	60	61	63	62	64	66	65	67	65	62	60	61	64	65	68	69	68	70	69	65	66	69	69	68	64.0
	4	MAX	69	67	63	65	65	64	65	66	67	65	67	69	70	71	72	70	66	68	71	72	74	74	75	75	74	73	73	73	73	71	72	69.6
		MIN	66	62	59	57	60	59	58	60	63	63	62	64	66	65	67	65	63	61	62	64	66	68	69	69	70	69	62	67	69	69	68	64.3
	8	MAX	66	66	63	62	63	62	62	63	64	64	65	66	67	68	69	69	66	66	67	68	68	71	71	71	71	70	70	70	71	70	70	67.1
		MIN	65	63	60	59	60	60	59	61	62	63	62	64	65	65	67	66	64	62	63	65	66	68	69	69	70	69	67	69	69	69	68	64.8

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM																																		
(SOD)	20	7PM	60	61	60	59	59	59	59	59	60	60	61	61	62	62	63	64	63	62	62	62	63	64	65	65	66	66	66	66	66	66	66	62.5
	40	7PM	55	56	56	56	56	56	56	57	57	57	57	57	58	58	58	59	59	59	59	59	59	59	60	60	61	61	61	62	62	62	62	58.5
MAYFIELD RADIO WNGO																																		
	4	MAX	72	71	69	68	69	70	70	71	70	72	69	73	70	76	73	76	74	74	75	75	76	79	80	82	84	82	82	81	81	81	76	74.9
		MIN	69	69	68	62	65	66	65	63	63	69	66	67	69	68	71	-	72	72	73	73	68	67	74	67	77	77	77	76	77	76	73	70.0
	20	5PM	64	63	64	63	69	70	71	64	64	65	63	65	68	67	68	68	68	68	69	69	69	69	70	71	72	74	74	75	75	75	72	68.6
PRINCETON 1 SE																																		
	4	MAX	71	69	67	67	69	69	70	69	70	70	68	74	73	74	74	75	71	72	74	75	76	77	78	78	79	79	79	77	77	78	75	73.4
		MIN	69	64	61	60	63	65	64	64	68	65	66	68	70	71	71	70	66	67	68	70	70	72	73	73	75	72	71	72	73	74	72	68.6
	20	5PM	62	62	61	60	60	61	61	61	62	62	62	63	64	65	65	65	65	65	65	66	67	67	67	68	69	69	69	69	69	69	69	64.8
QUICKSAND																																		
	4	MAX	73	71	64	62	69	69	68	68	70	71	69	71	72	75	75	77	69	71	73	74	77	78	79	80	80	81	80	73	78	78	79	73.4
		MIN	61	64	60	58	59	59	57	58	61	62	63	65	65	66	66	69	64	62	62	64	68	70	70	70	70	72	68	67	69	69	69	64.7
	20	4PM	62	64	62	60	61	61	60	61	61	62	62	62	63	63	64	66	65	64	64	65	66	66	68	68	69	69	70	68	79	70	69	65.0
SANDY HOOK 5 W																																		
	4	MAX	70	68	66	64	62	65	65	66	67	67	66	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN	63	60	59	56	58	57	55	56	61	62	62	66	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20	6PM	61	61	60	59	59	59	58	59	59	60	60	61	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOMERSET 2 N																																		
	1	MAX	71	70	68	70	72	72	71	72	74	74	70	73	75	77	78	78	74	75	76	78	79	79	80	80	81	81	82	79	79	76	73	75.4
		MIN	67	64	62	57	60	61	58	60	65	66	63	65	67	68	68	69	64	63	64	66	68	69	70	70	71	73	69	69	72	70	69	66.0
	4	MAX	70	69	67	66	69	69	68	69	70	71	68	71	73	74	75	80	72	72	73	75	76	77	77	77	78	78	78	77	75	74	72	72.9
		MIN	66	63	64	57	60	62	59	61	64	65	63	65	67	67	68	69	65	64	64	66	68	69	70	70	71	72	69	69	70	69	69	66.0
	20	6PM	63	63	63	62	62	62	64	62	64	64	64	64	65	66	67	67	67	67	67	67	68	68	69	69	70	70	70	70	71	70	70	66.3
WILLIAMSTOWN 3 NW																																		
	4	MAX	65	65	63	62	64	65	63	64	65	65	66	68	67	69	70	70	67	67	68	70	70	71	72	72	72	72	70	71	71	71	70	67.9
		MIN	65	63	59	58	60	60	58	60	62	63	62	65	67	65	67	67	63	61	63	65	67	69	69	70	70	68	65	66	68	69	69	64.6
	20	6PM	56	54	57	56	57	57	57	57	57	57	57	58	59	59	60	60	60	60	60	60	60	62	62	62	63	63	63	63	63	63	63	59.5

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA H. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 13	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
CCBS	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		M	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	460		7A		C	RONALD M. FUQUA
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		C G	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C M	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. NANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY H. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	800	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		M	LEE J. HOGSTON
HEIDELBERG LOCK 14 R	3741	04	LEE	4	37 33	83 46	663	4P	7A		C M	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.H. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 45	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. NORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A			CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		M	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT R	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY H WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		M	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	670				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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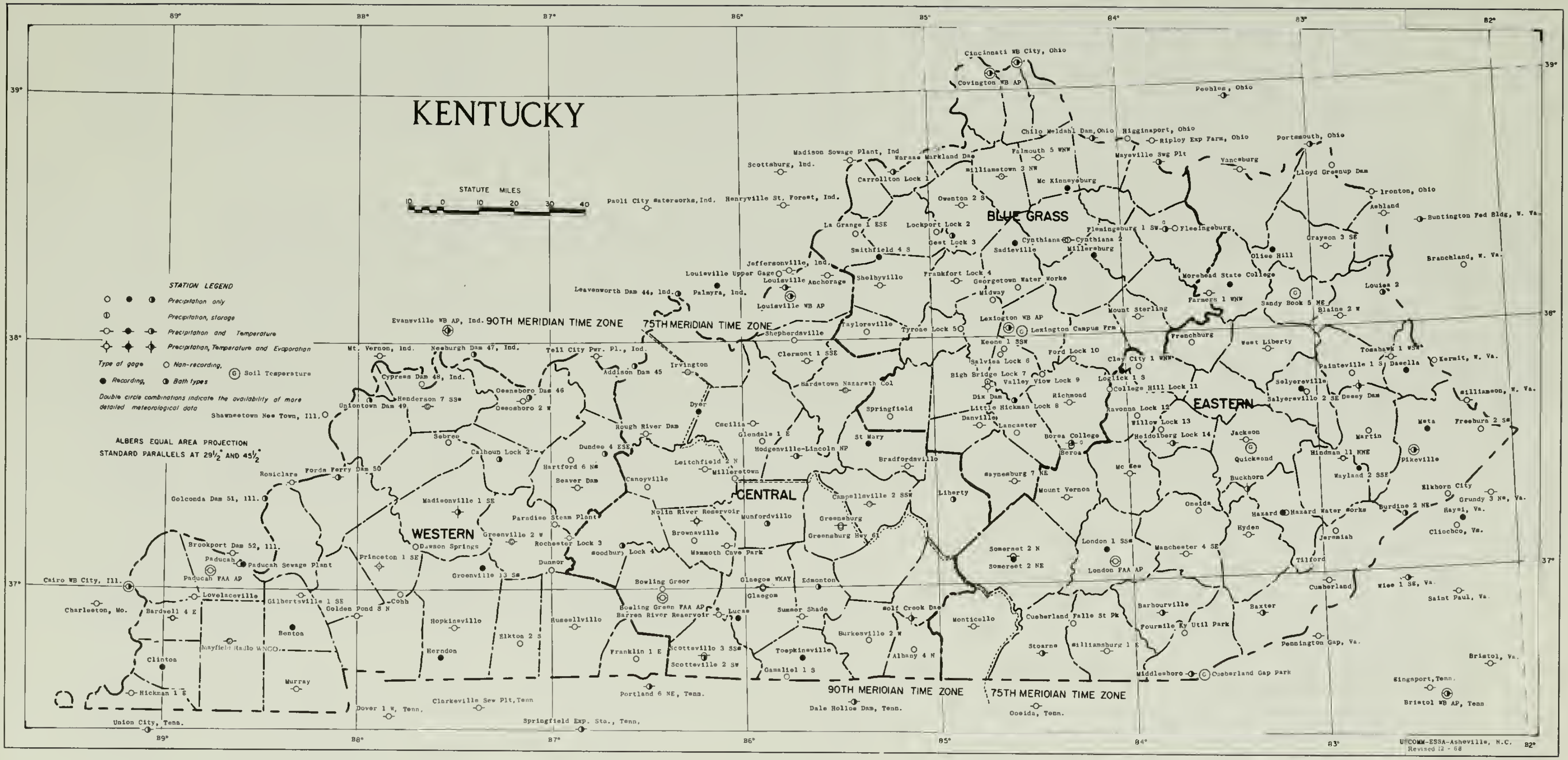
KENTUCKY
STATUTE MILES
10
0
10
20
30
40
STATION LEGEND
○ ● ◐ Precipitation only
◐ Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording, ◐ Both types
Ⓖ Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
WESTERN
CENTRAL
BLUE GRASS
EASTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Chio Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind
Warsaw Markland Dam
Falmouth 5 WNW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Scottsburg, Ind.
Carrollton Lock 1
Williamstown 3 NW
Mc Kinneysburg
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Owenton 2 S
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Grayson 3 SE
Branchland, W. Va.
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 5 NE
Louisa 2
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WB AP
Evansville WB AP, Ind.
Taylorsville
Tyrone Lock 5
Lexington WB AP
Lexington Campus Frm
Mount Sterling
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Irvington
Shepherdsville
Clermont 1 SSE
Keene 1 SSW
Ford Lock 10
Clay City 1 WNW
Painteville 1 S
Dacella
Williamson, W. Va.
Cypress Dam 48, Ind.
Addison Dam 45
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Logick 1 S
College Hill Lock 11
Selyersville
Salyersville 2 SE
Dewey Dam
Henderson 7 SSW
Owensboro Dam 46
Owensboro 2 W
Hardstown Nazareth Col
Dix Dam
Richmond
Little Hickman Lock 8
Danville
Lancaster
Ravenna Lock 12
Willow Lock 13
Heidelberg Lock 14
Jackson
Quicksand
Martin
Meta
Freeburn 2 SE
Uniontown Dam 49
Shawneetown New Town, Ill.
Dyer
Cecilia
Springfield
Glendale 1 E
Berea College
Berea
Pikeville
Sebree
Calhoun Lock 2
Rough River Dam
St Mary
Hindman 11 NNE
Wayland 2 SSE
Hartford 6 NW
Dundee 4 ESE
Hodgenville-Lincoln NP
Bradfordsville
Waynesburg 7 NE
Mc Kee
Elkhorn City
Rosiclare
Forde Ferry Dam 50
Beaver Dam
Canoyville
Leitchfield 2 N
Millerstown
Liberty
Mount Vernon
Buckhorn
Grundy 3 NW, Va.
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Campbellsville 2 SSW
Onsida
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hwy 61
Clinchco, Va.
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Western
Greenville 2 W
Rochester Lock 3
Brownsville
Somerset 2 N
Somerset 2 NE
London 1 SSW
Manchester 4 SE
Hyden
Jeremiah
Paducah FAA AP
Princeton 1 SE
Dawson Springs
Woodbury Lock 4
Mammoth Cave Park
Tilford
Cairo WB City, Ill.
Dunmor
Greenville 13 SW
Bowling Green
Glasgow WKAY
Edmonton
London FAA AP
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Charleston, Mo.
Lovelaceville
Gilbertsville 1 SE
Cobb
Glasgow
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Bardwell 4 E
Golden Pond 8 N
Hopkinsville
Russellville
Burkesville 2 W
Fourmile Ky Util Park
Pennington Gap, Va.
Benton
Mayfield Radio WNGO
Elkton 2 S
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Albany 4 N
Stearns
Williamsburg 1 S
Bristol, Va.
Clinton
Herndon
Gamaliel 1 S
Middlesboro
Cumberland Gap Park
Hickman 1 E
Murray
Portland 6 NE, Tenn.
Clarksville Sew Plt, Tenn
Dale Hollow Dam, Tenn.
Kingsport, Tenn.
Bristol WB AP, Tenn
Union City, Tenn.
Dover 1 W, Tenn.
Springfield Exp. Sta., Tenn.
Oneida, Tenn.
USCOMM-ESSA-Asheville, N.C.
Revised 12 - 68

UNITED STATES
EPARTMENT OF
OMMERCE
UBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

JUNE 1970

Volume 65 No. 6

THE LIBRARY OF THE
SEP 14 1970
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	83.8	62.8	73.3		94	17	53	28	0	4	0	0	0	6.26		1.58	6	.0	0		11	5	2
BEAVER DAM	84.3M	62.8M	73.6M		91	18+			0	5	0	0	0	5.29		1.88	13	.0	0		8	4	1
FORDS FERRY DAM 50	84.1	63.8	74.0		93	17	56	7+	0	5	0	0	0	5.05	1.50	1.08	16	.0	0		9	5	1
GILBERTSVILLE 1 SE	84.8	63.4	74.1		93	17	54	28+	0	5	0	0	0	6.54		1.75	5	.0	0		9	3	3
GOLDEN POND 8 N	81.8	63.1	72.5		91	18	56	6	1	1	0	0	0	5.67		1.65	14	.0	0		8	3	2
GREENVILLE 2 W	83.4	62.0	72.7	- 1.7	91	17	52	23+	0	1	0	0	0	5.46	1.28	1.25	4	.0	0		9	5	2
HENDERSON 7 SSW	83.2	63.9	73.6	- 1.8	91	30+	55	28+	0	4	0	0	0	5.12	1.33	1.56	15	.0	0		7	4	2
HICKMAN 1 E	85.6	64.4	75.0		94	26	55	28	0	6	0	0	0	8.15		2.82	13	.0	0		10	5	2
HOPKINSVILLE	83.3	61.9	72.6	- 2.7	92	18	54	9+	3	4	0	0	0	6.82	2.71	1.40	3	.0	0		12	4	2
LOVELACEVILLE	84.1	62.7	73.4	- 2.6	92	30+	52	28	0	6	0	0	0	5.47	1.73	1.30	4	.0	0		9	5	1
MADISONVILLE 1 SE	83.9	63.0	73.5		90	30+	54	28+	0	4	0	0	0	5.18		1.06	16+	.0	0		9	4	2
MAYFIELD RADIO WNGO	84.8	62.7	73.8		95	30	52	8	0	5	0	0	0	6.52		1.27	13	.0	0		11	5	2
MURRAY	84.3	63.6	74.0	- 2.0	92	17	55	28	0	4	0	0	0	9.14	5.64	2.00	15	.0	0		10	5	4
OWENSBORO 2 W	83.8	62.8	73.3	- 1.9	92	30	54	23	0	5	0	0	0	5.28	1.36	1.32	15	.0	0		8	4	1
PADUCAH FAA AIRPORT	82.4	63.9	73.2		91	30+	55	23	1	5	0	0	0	4.41		1.30	5	.0	0		7	5	1
PADUCAH																							
PRINCETON 1 SE	83.6	63.0	73.3	- 2.1	91	17	53	28	1	2	0	0	0	4.20	.39	1.18	16	.0	0		10	3	1
ROCHESTER LOCK 3	83.1M	61.3M	72.2M		90	19+	52	28	1	2	0	0	0	6.60				.0	0				
RUSSELLVILLE	82.0	61.4	71.7	- 3.6	91	18	51	28	2	1	0	0	0	7.97		1.92	26	.0	0		10	8	2
DIVISION			73.3	- 2.1										6.06	2.20			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	84.2	62.6	73.4	1.0	93	30	54	28+	0	3	0	0	0	5.52	1.30	2.07	3	.0	0		7	4	2
BARDSTOWN	85.5	60.8	73.2		94	17	50	23+	0	5	0	0	0	4.81		1.92	13	.0	0		8	3	2
BARREN RIVER RESERVOIR	84.0	61.1	72.6		93	19+	51	7	4	4	0	0	0	6.26		1.65	21	.0	0		12	5	1
BERNHEIM FOREST	84.5	60.9	72.7		92	30	50	23+	0	3	0	0	0	12.04		5.04	4	.0	0		10	4	3
BOWLING GREEN FAA AP	84.3	62.0	73.2	- 2.8	92	17	52	7	2	8	0	0	0	5.15	.99	1.71	20	.0	0		9	4	2
BRADFORDSVILLE	83.4	60.0	71.7		90	19+	47	28	3	2	0	0	0	3.17		.87	3	.0	0		7	4	0
CAMPBELLSVILLE 2 SSW																							
CECILIA	83.9	61.4	72.7	- .8	90	18+	51	23	0	2	0	0	0	6.38	2.02	1.44	15	.0	0		10	4	3
GLASGOW WKAY	83.7	62.3	73.0		91	17	52	28+	0	1	0	0	0	7.20		1.71	21	.0	0		10	4	3
GREENSBURG	84.7	61.3	73.0	- 1.1	92	18	50	7	1	6	0	0	0	3.67	- 1.16	1.12	4	.0	0		7	3	1
HODGENVILLE-LINCOLN NP	84.0	61.9	73.0		91	17	51	23+	1	2	0	0	0	4.51		1.24	4	.0	0		8	4	1
IRVINGTON	83.6	60.8	72.2	- 2.2	90	30+	49	23	5	2	0	0	0	5.32	.90	1.88	3	.0	0		7	4	2
LEITCHFIELD 2 N	83.7	62.1	72.9	- 1.5	92	17	52	23	1	3	0	0	0	7.94	3.44	3.42	4	.0	0		11	3	3
LOUISVILLE	86.2	65.5	75.9		94	18	56	1	0	7	0	0	0	3.58		1.10	4	.0	0		9	3	1
LOUISVILLE WB AP R	82.5	63.3	72.9	- .5	92	30	54	7	0	3	0	0	0	5.20	1.21	2.35	3	.0	0		7	2	2
MAMMOTH CAVE PARK	83.5	61.5	72.5		90	30+	52	28	0	2	0	0	0	4.24		1.03	13	.0	0		10	3	1
NOLIN RIVER RESERVOIR	83.0	60.4	71.7		92	18	51	22+	2	3	0	0	0	6.16		1.57	14	.0	0		10	5	1
ROUGH RIVER DAM	83.1	61.2	72.2		91	18	52	23+	3	3	0	0	0	6.90		1.62	4	.0	0		10	5	3
SCOTTSVILLE 3 SSW	82.2	62.9	72.6		90	17	54	28	2	1	0	0	0	6.00		.96	4	.0	0		11	6	0
SUMMER SHADE	82.0	61.5	71.8		90	17	50	7	0	1	0	0	0	5.12		1.67	27	.0	0		6	4	2
WOLF CREEK DAM	83.6	58.0	70.8		92	18	49	28+	4	2	0	0	0	4.33		.98	21	.0	0		7	5	0
DIVISION			72.7	- 1.5										5.68	1.36			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	83.8	62.4	73.1	- .6	91	30	50	7	1	3	0	0	0	3.32	- 1.52	.85	3	.0	0		8	2	0
CARROLLTON LOCK 1	83.0	61.8	72.4		93	30	52	7	1	5	0	0	0	5.40	1.26	1.05	6	.0	0		8	5	1
COVINGTON WB AIRPORT R	82.3	62.1	72.2	.4	95	30	51	20	2	3	0	0	0	5.73	1.84	1.53	13	.0	0		7	6	2
CYNTHIANA 2	83.6	58.6	71.1		90	19+	48	28+	5	2	0	0	0	2.95		.75	6	.0	0		6	3	0
DANVILLE	81.5	60.6	71.1		90	18	52	7+	2	1	0	0	0	4.03	- .66	1.20	26	.0	0		7	3	1
DIX DAM	83.4	61.7	72.6		90	30+	50	28	2	2	0	0	0	2.82		.68	4	.0	0		8	1	0
FALMOUTH 5 WNW	83.6	57.1	70.4		94	30	45	23	7	3	0	0	0	3.92	- .51	1.77	4	.0	0		6	3	1
FARMERS 1 WNW	83.6	59.0	71.3	- 1.1	93	30+	46	7	2	3	0	0	0	2.83	- 1.66	1.32	26	.0	0		6	2	1
FLEMINGSBURG 1 SW	81.8	60.3	71.1		91	30	48	28	4	1	0	0	0	3.51		.88	3	.0	0		7	3	0
FRANKFORT LOCK 4	82.7	60.5	71.6	- 2.1	92	18	51	7	1	3	0	0	0	4.10	.03	1.47	4	.0	0		5	3	2
LEXINGTON WB AIRPORT R	81.1	61.5	71.3	- 2.3	91	30	50	28	1	1	0	0	0	3.81	- .91	1.80	3	.0	0		8	1	1
MAYSVILLE SEWAGE PLANT	83.9	59.6	71.8	- .5	92	18	51	21+	0	2	0	0	0	3.81	- .37	1.26	27	.0	0		6	3	2
MOUNT STERLING	83.2	61.3	72.3		92	30	51	7	0	3	0	0	0	3.72	- .81	.87	2	.0	0		8	3	0
OWENTON	80.5	62.3	71.4		87	19+	53	20	3	0	0	0	0	4.48		1.41	5	.0	0		6	3	3
RICHMOND	82.5	61.0	71.8		90	19+	50	7	5	2	0	0	0	3.07		1.00	3	.0	0		8	1	1
SHELBYVILLE	80.7	60.0	70.4	- 2.8	89	19	52	28+	4	0	0	0	0	3.92	- .52	1.88	4	.0	0		7	3	1
WARSAW MARKLAND DAM	82.1	59.2	70.7	- 2.1	90	18+	51	29+	7	3	0	0	0	4.40	.23	1.77	5	.0	0		8	3	1
WAYNESBURG 7 NE	80.7	60.2	70.5		88	30+	51	7	2	0	0	0	0	4.31		1.67	3	.0	0		6	3	2
WILLIAMSTOWN 3 NW	81.4	62.0	71.7	- 1.8	91	30	52	20	0	1	0	0	0	3.90	- .35	1.30	3	.0	0		6	4	1
DIVISION			71.5	- 1.9										3.90	- .54			.0					
* * *																							
EASTERN 04																							
ASHLAND	82.8	58.6	70.7	- 3.0	91	19+	46	7	10	2	0	0	0	5.20	1.3[illegible]	1.30	12	.0	0		7	4	3
BARBOURVILLE	82.9	58.8	70.9		91	18	52	29+	3	2	0	0	0	5.68		.91	21	.0	0		9	6	0
BAXTER	82.8	58.8M	70.8M		90	19+	51	29+	4	2	0	0	0	9.16		3.18	4	.0	0		9	6	3
BLAINE	83.9	54.8	69.4		92	18	43	8	14	3	0	0	0					.0	0				
CUMBERLAND	82.8	56.9	69.9		92	17	45	29	3	1	0	0	0	3.01		.86	21	.0	0		6	3	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 73

CLIMATOLOGICAL DATA

KENTUCKY
JUNE 1970

Continued

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM		84.6	58.3	71.5		93	19	49	28	4	4	0	0	0	3.06		1.23	4	.0	0		7	2	1
GRAYSON 5 SE		83.4	55.4	69.4		91	19+	43	7	14	2	0	0	0	2.37		.84	4	.0	0		4	2	0
HEIDELBERG LOCK 14	R	84.3M	58.6	71.5M				45	7	5		0	0	0	1.99	- 2.40	.34	16	.0	0		9	0	0
HINDMAN 11 NNE		83.4	57.0	70.2		90	19+	45	7	8	2	0	0	0	2.91		1.59	4	.0	0		6	2	1
HYDEN		82.1M	57.8M	70.0M		90	19	51	8+	5	1	0	0	0	4.76		1.78	4	.0	0		7	4	1
JACKSON		85.2	59.1	72.2		94	19	50	8+	0	8	0	0	0	3.71		.88	12	.0	0		8	2	0
LONDON FAA AP		81.2	59.9	70.6		89	18+	49	7	4	0	0	0	0	3.47		.91	13	.0	0		8	2	0
MANCHESTER 4 SE		82.9	58.5	70.7		90	18	49	29+	3	1	0	0	0	3.01		1.09	21	.0	0		9	1	1
MC KEE		80.9	56.1	68.5		89	19+	44	7	20	0	0	0	0	3.25		.60	11	.0	0		10	1	0
MIDDLESBORO		81.9	58.3	70.1		90	19	50	7	6	1	0	0	0	4.92		1.26	3	.0	0		8	4	2
MONTICELLO		83.9	61.1	72.5		91	17	47	7	1	2	0	0	0	5.77		1.79	26	.0	0		5	4	3
MOUNT VERNON		83.5	60.2	71.9		90	30+	48	7	3	2	0	0	0	4.39		1.10	4	.0	0		7	4	2
PIKEVILLE		86.3	60.7	73.5		95	18	51	29	0	10	0	0	0	1.54	- 2.86	.40	4	.0	0		5	0	0
SOMERSET 2 N		82.7	59.2	71.0		90	18+	48	7	4	2	0	0	0	4.37		.93	13	.0	0		10	4	0
STEARNS		81.8	59.6	70.7		89	19	52	29+	0	0	0	0	0	4.22		1.51	14	.0	0		7	3	1
TOMAHAWK 1 WSW		83.2	55.7	69.5		90	19+	46	8	7	2	0	0	0	4.13		2.18	4	.0	0		6	3	1
VANCEBURG		83.7	58.1	70.9		92	18	46	8+	1	4	0	0	0	3.45	- .85	1.06	6	.0	0		6	4	1
WEST LIBERTY		82.6	57.0	69.8		91	18	47	29+	7	2	0	0	0	2.16		1.19	12	.0	0		4	1	1
WILLIAMSBURG 1 E		82.5	59.1	70.8	- 3.5	90	19+	49	28	3	2	0	0	0	4.58	.66	1.21	21	.0	0		9	3	1
DIVISION				70.7	- 2.6										3.96	- .31			.0					

EXTREMES

HIGHEST TEMPERATURE 3 STATIONS	95	DATE	30+
LOWEST TEMPERATURE 2 STATIONS	43	DATE	08+
GREATEST TOTAL PRECIPITATION BERNHEIM FOREST	12.04		
LEAST TOTAL PRECIPITATION TILFORD	1.24		
GREATEST 1 DAY PRECIPITATION BERNHEIM FOREST	5.04	DATE	04

KENTUCKY - JUNE 1970

SPECIAL WEATHER SUMMARY

Temperatures averaged several degrees below normal over much of the State. This was emphasized by the statistic, "No. of Days with Maximum Temperatures 90° or Above." Over the Commonwealth these ranged from 1 to about 10, or about 2 to 8 days less than long-period averages. On the 28th the mercury dipped to 44° at Sandy Hook; to 50° at Lexington, a record for the date at that location.

There were locally heavy rains at scattered locations on several dates. For a 12-hour period on the 3d-4th at Bernheim Forest, the total was 7.04 inches; the 24-hour total was 8.2 inches. Small streams rose to near flood stage in the North Central Division in the Salt River Basin, the level reaching 19.4 feet at Taylorsville (flood stage, 20 feet). On the 13th locally heavy rains in some areas in the extreme western counties resulted in flooding of several thousands of acres and damage to crops. On the 25th in Jefferson County, 3-1/4 miles northeast of Standiford Field, Louisville, 3.10 inches of rain fell in a 40-minute late afternoon downpour.

It was a stormy month. A boy was injured by lightning in Clinton County on the 10th. A small tornado struck a house in Hancock County on the 13th; there were no injuries despite damage to the dwelling. Funnel clouds aloft were reported by several sources on at least five additional dates during the month, but there were no reports of tornado damage in the areas concerned. Hail was reported at scattered locations on several dates. Several of the heavier falls occurred on the 5th. Hailstones accumulated to a depth of 4 inches in an area near Auburn in south-central Kentucky, causing some crop and property damage. Also, on the 5th, there was damage to crops in Laurel and Whitley Counties in the southeast; drifts of hail were reported to have reached depths of 9 to 12 inches in some areas.

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Note: The foregoing narrative highlights several noteworthy weather events and was completed before weather data processing for the publication was completed. For further details see the accompanying tables. See also this month's issue of STORM DATA for additional details concerning the storms noted above and other storms.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	6.26	.11	.65	.02	.45	.50	1.58						.10	1.48	T	.32			T	.27	.60	.18			T							
BEAVER DAM	5.29		.67	.50	.40	.89								1.88		.42	.36					T						.17				
CALHOUN LOCK 2	4.20	.35	.08	.68	.59	.10	.22							.07	.51	.82	.33	T				T						.45				
COBB	5.21	.38	.20	.49	.08	.34	.70							.33	.68	.38	.62				.38	.63										
DAWSON SPRINGS	3.51	.12	.30	.37	.48	.25	.03						T	.35		.68	.58				T	.28	.07			T						
DUNDEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNMOR	3.68	.45		.06	.41	.27	.09								.27	.64	.45	T			.30	.48						.26				
ELKTON 2 S	7.23	.50	T	.02	.62	1.09	.75	.02						.02	.65	1.18	.32	.21		.22	.26	1.10						.27				
FORDS FERRY DAM 50	5.05	.62	.62	.19	.92	.24	.29							.03	.12	.90	1.08				.04	T										
FRANKLIN 1 E	3.40	T	T	.04	.06	.15	.10								.22	.24	.49	.03			.27	1.04						.76				
GILBERTSVILLE 1 SE	6.54	T	.41	.10	1.69	1.75								.19		1.55				.11	.44	.30										
GOLDEN POND 8 N	5.67	.44	.08	.67	.42	.07	.25								1.65	.03	1.40			.06	.35	.25										
GREENVILLE 2 W	5.46		.25	.40	1.25	.67	.05							1.02		.58	.42				.05	.53						.24				
HARTFORD 6 NW	5.24	.32	.02	.57	.28	.18	.42	.09						1.08	.51	.66	.38			T	T						.16	.57				
HENDERSON 7 SSW	5.12	.01	.25	.30	1.00	.95	.05							.68		1.56	.26			T		.06					T					
HICKMAN 1 E	8.15	.11	.75	T	.03	.35	.07						.55	2.82	.05	1.55			.31	.76	.35	.40			.03	.02						
HOPKINSVILLE	6.82	.30	.20	1.40	.05	.18	1.23	.02						.10	.43	.45	.49			.01	.30	.92					.04	.70				
LOVELACEVILLE	5.47	.12	.94		1.30	.25	.90						.11	.73						.27	.78	.07										
MADISONVILLE 1 SE	5.18	.36	.31	.34	.64	.23	1.06							.08	.21	.82	1.06				T	.07										
MAYFIELD RADIO WNGO	6.52	.13	.43	T	1.09	.40	.92						.53	1.27	.40				.07	.22	.85	.21			T							
MURRAY	9.14		1.56	.34	1.72	.07							1.52	.70		2.00			.03	.18	.49	.13			.40							
OWENSBORO 2 W	5.28	T		.85	.37	.45	.92							.52		1.32	.40											.45				
OWENSBORO DAM 46	6.06	.28	.02	1.57	.38	.47	.71							.08	.57	1.17	.41	T				.03						.37				
PADUCAH FAA AIRPORT	4.41	.81	.04	.10	.76	1.30							.09	.16	.04	.05				.50	.56											
PADUCAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARADISE STEAM PLANT R	6.49	.28		.23	1.29	.35	.67	.02							1.82	.83	.51	.16			.02	.21						.10				
PRINCETON 1 SE	4.20	.02	.33	.14	.17	.12	.11						.01	.25		.79	1.18			.05	.29	.74					T					
ROCHESTER LOCK 3	6.60	.48	.02	.04	.92	.55	.60							*	*	2.56	.43	.02			*	.81						.17				
RUSSELLVILLE	7.97	.72		.02	.50	T	.05							.16	.75	.78	.87	T			.37	1.07					1.92	.76				
SEBREE	3.59		T	.59	.30	.26	.25							.71	.95		.46											.07				
UNIONTOWN DAM 49 //	6.17	.20	.48	.38	.93	.92	.83							.13	T	.90	1.35					.05										
* * * CENTRAL 02																																
ADDISON DAM 45 //	6.95	.30	.05	1.05	2.00	.36	.06							.45	1.32	.87	.08	T				.20						.21				
ALBANY 4 N	6.69	.43	.12	.52	.07	.28	.52					1.67			.50			.08			.55	1.44						.51				
ANCHORAGE	5.52	.06	T	2.07	.75	.97	.22							1.04		.10	.20					.06					.05	T				
BARDSTOWN	4.81		.20	.77	1.01	.03								1.92		.05	.10					.16					.30	.27				
BARREN RIVER RESERVOIR	6.26	.11	T	.72	.13	.05	.68	T							.70	.37	.18	.21			.37	1.65				.78		.31				
BERNHEIM FOREST	12.04	.22	T	3.16	5.04	.35	.12				.03	.89		1.41		.26	.15	.02				.02						.37				
BOWLING GREEN	2.63	.12	.03	.10	.21	.10	.12								.53	.17	.17	.04			.27	.40						.37				
BOWLING GREEN FAA AP	5.15	.02	.13	.04	.17	.01	.02							1.01	.41	.52	.27				1.71	.19					.65					
BRADFORDSVILLE	3.17			.87	.62	.50									.62		.03					.19					.15	.19				
BROWNSVILLE	3.38	.08	T	.05	.51	.20	.33	.03				T			1.08	.29	.17	.10			.05	.34						.15				
BURKESVILLE 2 W	5.08	T	.15	.62	.14	.34	.05					.34			1.12		.07	.04			.33	1.05					.31	.52				
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CANEYVILLE	7.18	.66		.14	2.14	.42	.26								1.35	1.10	.37	.07				.31						.36				
CECILIA	6.38	.12	.08	.38	1.35	.28	.25							1.05	.01	1.44	.17			T							.85	.40				
EDMONTON	3.73			.60	.05		.60					.40			1.30			.28			.10							.40				
GAMALIEL 1 S	7.45	.08	.03	1.18	.23	.57	.47	.02				.04			.80	.04	T	.19		T	1.22	2.00	T				.05	.53	T			
GLASGOW	8.11		.04	.80	.66	.04	.52								1.75	.08					.20	3.05				.22		.75				
GLASGOW WKAY	7.20	.06	.08	1.25	.25	.40	.36							1.44		.15	.06		T		.16	1.71				.29		.99				
GLENDALE 1 E	5.14	T	.07	.31	.36	.30	.12					1.21			.81	.60		.10				.05					.76	.45				
GREENSBURG	3.67	.01		.63	1.12	.24	.40					T			.69	.05	T	.03			.05	.26						.19				
GREENSBURG HIWAY 61	3.56	.02	T	.26	1.65	.09	.22					T			.74		.03	T			.03	.24						.28				
HODGENVILLE-LINCOLN NP	4.51	.08	.03	.57	1.24	.45	.10				.03	.67		.52		.18	.08									.07	.05	.44				
IRVINGTON	5.32			1.88	.75	.29	.01							1.14		.92	.11					.06					.16					
LEITCHFIELD 2 N	7.94	.31		.13	3.42	.35	.27								1.18	1.09	.06	.24				.14					.35	.40				
LIBERTY	3.16			.40	.46		.30								.80		.12	.26				.41					.24	.17				
LOUISVILLE	3.58		.13	.74	1.10	.19	.07							.68		.10	.29					.11						.17				
LOUISVILLE WB AP R	5.20	.04	.43	2.35	.10	.41	T				T			1.40	.11	.04	.15			T	.08	T				T	.09					
LOUISVILLE UPPER GAGE	3.89	.27	.18	.15	1.30	.42	.20								.40	.14	T	.32				.11					.37	.03				
MAMMOTH CAVE PARK	4.24	T	T	.67	.78	.13	.36							1.03		.42	.18				.12	.18						.37				
MILLERSTOWN	-	.01		.47	.53	.30	.50					.15			.51	.68	.25					.21						-				
MUNFORDVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NOLIN RIVER RESERVOIR	6.16	.07	.01	.06	.93	.20	.90	.03							1.57	.81	.28	.12			.03	.20				.40		.55				
ROUGH RIVER DAM	6.90	.70	T	.88	1.62	.20	.15								1.13	1.45	.35	T				.17						.25				
SCOTTSVILLE 3 SSW	6.00		.13	.87	.96	.27	.07							.24		.94	.76				.59	.52				.11	.07	.47				
SCOTTSVILLE 2 SW	5.61	.10	T	.80	1.00	.20	.30	T							.25	.60	.80	T			.30	.50				.22		.54				
SHEPHERDSVILLE	4.92			.30		2.55	.27					.06			.65	.22		.28				.21				.18		.20				
SUMMER SHADE	5.12		.61	.26	.04	.52	.02							1.51		.09	.09					.31						1.67				
WOLF CREEK DAM	4.33			.75	.65	.52	.09					.04			.79	.01					.12	.98						.38				
WOODBURY LOCK 4	4.91	.57	.03	.37	1.32	.11	.22								*	1.23	.19	.08			*	.65						.14				
* * * BLUE GRASS 03																																
BEREA COLLEGE	3.32	T	.06	.85	.04	.07	.04			T				.40	T	.70	.23	.02				.10				.35	.11	.35				
BEREA	3.48	.02		.94	.13	.02	.11	T							.38		.69	.26				.10					.46	.35				
CARROLLTON LOCK 1	5.40	.04	.67	.38	.97	.92	1.05								.16	T		.02				T	T				.70	.49				
COVINGTON WB AIRPORT R	5.73	.41	.59	.56	1.47	.60	.01							1.53		.02	T			T		.01				T	.53					
CYNTHIANA	2.78			.37	.71		.69								.67		.02	.25									T	.07				
CYNTHIANA 2	2.95			.36	.70	.03	.75								.69		.05	.27										.10				
DANVILLE	4.03			.20	.40	.04	.82					.15			.75			.03				.09					1.20	.35				
DIX DAM	2.82			.40	.68	.28	.34					.20		.42		.19		.02				.03					.01	.25				
FALMOUTH 5 WNW	3.92	T		.29	1.77	.09	.38								.62	.02		.02									.21	.52				
FARMERS 1 WNW	2.83	T		.22	.08		.12					.17			.08		.06	T				.10					1.32	.68				
FLEMINGSBURG	4.03			.22	1.32	.01	1.28					.04			.32		.28	.08				.02						.46				
FLEMINGSBURG 1 SW	3.51		.10	.88	.62	.62	T					.03		.32		.37	.09					.01					.09	.38				
FORD LOCK 10	4.07	T	T	.86	.32	T	.16								.18	T	.26	.08	T		T	T					2.12	.09				
FRANKFORT LOCK 4	4.10			.87	1.47		1.23	.04							.31	.01		.16				.01										
GEORGETOWN WATER WORKS	2.61			.18	1.12										1.22	T		.09														
GEST LOCK 3	3.28	T		.55	1.60	.47	.11	T							.34	T		.06										.15				
HIGH BRIDGE LOCK 7	4.48	T		.34	1.70	.33	.54	T				.05			.53	.01	T	.02				.03					.36	.57				
KEENE 1 SSW	4.53			.14	2.11	.08	.46								.52			.22									.54	.46				
LA GRANGE 1 ESE	2.90	.14	.10	.10	.66	.64	.22							.59		.14	.14			T	T	.04					.13					
LANCASTER	4.90			.89	.21		1.05					.92			*	.61		.07									.54	.61				
LEXINGTON WB AIRPORT R	3.81	T	.20	1.80	.30	.34				.02	T			.46		.24	.06			T	.01	.18					.20					
LITTLE HICKMAN LOCK 8	2.36			.26	.26		.93	T							.37	T		.15				.06						.33				
LOCKPORT LOCK 2	4.64	T	.17	.57	1.29	1.42	.62		T						.31			.14										.12				
MAYSVILLE SEWAGE PLANT	3.81		T	.15	.69	T	1.10								.13	T	T	T			T						.48	1.26				
MIDWAY	2.88			.50	1.39		.32	.04							.63																	
MOUNT STERLING	3.72	T	.87	.75	T	.27					.03			.67		.26	.31	T				.12				.38	.06					
OWENTON	4.48		T	.40	1.00	1.41	.17								1.31	.03		.03										.13				
RICHMOND	3.07	.02	T	1.00	.13	.02	.30					.02			.29	.12	.04	.40				.05					.25	.43				
SALVISA LOCK 6	4.90	T	.02	.40	2.07	.02	.58								.42		.03	.11			T	.36					.11	.78				
SHELBYVILLE	3.92	.02	.20	.51	1.88	T	.30								.77	.10	T	.11				.03						T				
SPRINGFIELD	4.16			.35	1.64	.17									1.65													.35				
TAYLORSVILLE	5.27	.04	.07	.33	3.02	.12	.48					T			.55												.44	.22				
TYRONE LOCK 5	4.15	T		.48	2.53	.03	.18								.51	.02	.03	.19				.07					T	.11				
VALLEY VIEW LOCK 9	3.28	T	T	.78	.28	.05	.66	.09							.27	.07	.14	.09			T	T					.51	.34				
WARSAW MARKLAND DAM	4.40	.05	.10	.35	.40	1.77	.57								.06	.80						.02					.16	.12				

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	4.31		T	1.67	.15	T	.76								1.02		.25					.37						.09				
WILLIAMSTOWN 3 NW	3.90		.01	1.30	.25	.83	.05							.61		.22	.08			T		T				T	.55					
• • •																																
EASTERN 04																																
ASHLAND	5.20			.10	1.25		.32	.04					1.30		.08		1.13	.10			T							.88				
BARBOURVILLE	5.68			.67	.69	.41	.55	.07							.90			.07		.21	.08	.91	.04				.63	.45				
BAXTER	9.16			.65	3.18	1.01	.05	.73	.20				1.90		T		T	T				.79					.29	.36				
BLAINE	-			.22	1.80	.34	.61						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BUCKHORN	3.07			.06	.45	.73	.15						.22				T	T			.33	.40					.13	.60	T			
BURDINE 2 NE	-			.22	.20	.30	.25					.03	.10								.40	.50						-				
CLAY CITY 1 WNW	2.04			.42	.10		.08								.22	.05	.28	.08				.04					.60	.17				
COLLEGE HILL LOCK 11	3.99	T		.90	.12	.05	.31					.17			.16	.48	.29	.15		.26		.03					.82	.25				
CUMBERLAND	3.01		.17	.23	.68	.08	T					T		T			T	T	.06	.06		.86				.34	T	.53				
CUMBERLAND FALLS ST PK	3.07		.28	.15	.28	.36								.41			.08			.09		1.03				.02	.35	.02				
DEWEY DAM	3.06			.55	1.23	.07	.35					.05					.10	.25			.12	.04						.30				
ELKHORN CITY	1.38	T		.03	T	.15	.01	.01	.02				.32		.12		.01	.01	.01	T		.40	.23					.06	T			
FISHTRAP RESERVOIR	1.43			.07	.18	.31	T	T														.30	T				.24	.33	T			
FREEBURN 2 SW	3.50				.05	.13	.64				.01	.01	1.35		.35		.30	.04				.33						.29				
FRENCHBURG	1.52			.40								.59					.43										.10					
GRAYSON 5 SE	2.37			.76	.84	.02							.34				.30	T				.04					T	.07				
GRAYSON RESERVOIR	1.74			.33	.39	T	T						.60				.28	.02				.05						.07				
HAZARD WATER WORKS	4.64			.54	1.42	.65	.67											.12	.05		.27	.47				.08		.37				
HEIDELBERG LOCK 14 R	1.99			.19	.30	.13	.12	T					.19		.08		.34	.17				.17					.04	.26				
HINDMAN 11 NNE	2.91			.11	1.59	.52							.34				.10					.25										
HYDEN	4.76			.13	1.78	.45	.66						.27					.09			T	.71						.67				
JACKSON	3.71			.03	.31	.22	.40						.88		T		.82	.09				.16					.49	.31				
JEREMIAH	2.83		T	.39	.97																.72	.47					T	.28				
LLOYD GREENUP DAM	2.96		.03	.71	.49	.04	.08	T									.06											1.55				
LONDON FAA AP	3.47	T	.46	.07	.36	.35								.91		T	.23				.09	.51				.25	.24					
LOUISA 2	1.55			.02	1.11		.03								.09		.02	.03			T	T						.25				
MANCHESTER 4 SE	3.01			.28	.25	.40	.10								.16			.11				1.09					.44	.18				
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MC KEE	3.25			.21	.40	.26	.10					.60			.25		.37	.29				.37	T					.40	T			
MIDDLESBORO	4.92		T	1.26	.82	.53	.06							T	.46				T	.04	T	1.14	.14				.10	.37				
MONTICELLO	5.77	.01		.21	.09	T	.05								1.50					.02	.03	1.35					1.79	.72				
MOUNT VERNON	4.39		T	1.04	1.10	.14	.06							.72		.37	.05					.60					.09	.22				
ONEIDA	3.87			.48	.35	.22							.40					.27			.48	.46					.73	.48				
PAINTSVILLE 1 S	2.66			.22	1.35	.26	.10								.05			.33				.10					.25					
PIKEVILLE	1.54		.01	.10	.40	.06	.02				T	.23				.06	.01		.02		.02	.28				T	.02	.31				
PINEVILLE 4 NW	5.62			.64	1.12	.26	.03						.02		.53			.04		.68	.09	1.07	.02				.78	.34				
RAVENNA LOCK 12	2.06	T	T	.12	.27	.07	.06					.13	T		.17	.12	.34	.15	T			.02					.21	.40				
SALYERSVILLE 2 SE	3.27			.42	.72	.09											.60	.70										.74				
SOMERSET 2 N	4.37	.04	.15	.80	.17	.64	.02							.93	.02	.12	.15				.02	.77				.29		.25				
STEARNS	4.22			.60	.27	.25									1.51						.27	.98						.34				
TILFORD	1.24				.51																			T	.05	.12	T	.56				
TOMAHAWK 1 WSW	4.13			.10	2.18	.05	.69								.09		.07	.20		.50		.09					.16					
VANCEBURG	3.45		.60	.33	.74		1.06							.03		.51						.18										
WEST LIBERTY	2.16			.06	.34	.25	.04					.02	1.19	T		T	.19					T					.07	T				
WILLIAMSBURG 1 E	4.58	.03		.38	.24	.44	.32	.09					.06		.60			.11				1.21	.03				.68	.39				
WILLOW LOCK 13	2.43			.17	.29	.12	.01						T		.16	.36	.64	.12			T	.08					.13	.35				

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	22	3.1	8.0	35++	30	26	76	77	54	58	3	3	1	4	2	0	13	-	6.7
LEXINGTON WB AIRPORT	21	3.5	8.1	23++	23	26	82	84	58	63	3	3	7	0	1	0	14	-	6.1
LOUISVILLE WB AIRPORT	20	3.0	7.8	32	SW	26+	85	86	61	63	5	4	5	0	1	1	16	59	6.2

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BAROWELL 4 E	MAX	81	78	78	79	73	77	84	85	86	86	86	83	82	89	83	88	94	91	84	83	80	77	82	83	87	91	83	83	87	90		83.8
	MIN	69	68	65	61	57	56	54	56	58	62	65	68	65	61	68	72	72	74	66	65	65	55	54	60	65	67	61	53	59	62		62.8
BEAVER OAM	MAX	83	84	77	80	76	75	82	85	87	87	85	85	84	89	88	87	91	91	90	80	80	76	80	86	86	90			85	90		84.3
	MIN	67	68	65	63	57	55	53	55	59	63	65	62	68	65	66	69	75	76	63	65	66	54	53	55	66	68			55	62		62.8
FORDS FERRY OAM 50	MAX	82	80	78	81	73	76	84	86	88	87	86	82	82	92	86	88	93	90	80	82	76	78	82	89	89	91	78	84	88	92		84.1
	MIN	68	66	66	59	56	59	56	59	62	64	67	67	67	67	65	67	75	72	67	64	63	58	58	60	68	69	61	57	63	65		63.8
GILBERTSVILLE 1 SE	MAX	82	79	80	78	76	77	84	85	88	87	86	84	80	90	89	87	93	91	83	83	83	78	81	89	89	91	89	83	88	92		84.8
	MIN	69	65	66	64	55	55	54	56	61	65	65	67	67	65	65	72	74	75	67	65	65	57	54	57	66	69	61	54	62	65		63.4
GOLOEN PUNO 8 N	MAX	72	81	79	78	80	72	74	82	84	86	79	84	79	75	88	81	87	91	89	79	82	78	77	81	85	87	89	87	82	85		81.8
	MIN	61	66	65	60	60	56	57	60	61	63	63	67	67	65	66	65	67	73	67	60	66	58	58	60	64	68	64	58	62	65		63.1
GREENVILLE 2 W	MAX	82	82	76	80	74	74	81	86	88	86	86	85	81	89	87	85	91	89	82	81	81	77	81	85	87	88	82	82	84	89		83.4
	MIN	68	66	65	63	55	55	52	55	59	62	63	62	68	64	65	68	75	76	65	64	66	54	52	56	67	64	60	53	56	63		62.0
HENDERSON 7 SSW	MAX	82	80	71	79	71	77	83	86	87	86	87	84	82	91	83	86	91	90	81	79	79	78	81	87	86	89	79	82	87	91		83.2
	MIN	68	67	63	63	59	57	55	60	63	66	66	66	67	69	67	68	74	77	65	60	65	55	55	60	67	70	60	55	62	68		63.9
HICKMAN 1 E	MAX	81	78	79	83	80	77	85	88	89	88	87	86	86	90	83	90	93	93	82	84	84	76	83	89	87	94	89	84	88	91		85.6
	MIN	70	68	63	65	58	59	56	59	60	60	67	68	68	66	67	73	72	74	67	67	67	57	57	64	67	70	65	55	61	62		64.4
HOPKINSVILLE	MAX	73	82	82	77	80	69	77	84	85	88	86	87	83	76	91	83	89	92	91	83	83	82	78	82	87	89	90	80	81	88		83.3
	MIN	66	66	63	64	57	54	56	57	54	62	64	65	66	64	64	67	68	74	68	66	65	56	56	57	58	68	61	55	56	60		61.9
LOVELACEVILLE	MAX	80	74	80	78	74	77	87	86	87	87	83	79	90	84	90	89	92	91	81	83	78	78	82	87	88	91	82	84	88	92		84.1
	MIN	68	67	64	62	55	54	53	56	60	65	65	68	65	67	65	72	73	75	65	65	65	55	53	59	66	66	61	52	58	62		62.7
MADISONVILLE 1 SE	MAX	81	81	78	80	78	78	84	85	86	86	86	85	80	90	87	85	90	90	84	80	81	80	82	85	86	89	85	81	85	90		83.9
	MIN	68	66	65	64	55	56	54	56	59	63	64	64	67	64	65	67	75	77	67	63	66	54	54	55	67	71	67	54	58	64		63.0
MAYFIELD RADIO WNGO	MAX	81	80	78	77	77	76	86	85	87	87	89	86	80	90	89	88	92	90	84	83	80	80	83	89	85	90	89	83	86	95		84.8
	MIN	67	66	63	62	57	54	56	52	58	59	63	64	65	64	66	70	70	73	66	64	64	61	57	62	69	66	63	57	61	61		62.7
MURRAY	MAX	81	78	78	80	77	75	82	84	87	87	87	84	80	90	89	89	92	89	83	83	82	76	81	89	87	91	86	83	88	90		84.3
	MIN	68	65	65	64	59	56	57	59	61	64	64	65	67	65	66	70	73	73	67	64	66	56	56	59	66	69	64	55	60	65		63.6
OWENSBORO 2 W	MAX	82	79	75	78	71	79	80	87	87	86	87	85	84	90	85	86	91	90	80	80	77	80	84	87	87	90	83	84	87	92		83.8
	MIN	67	65	65	62	60	55	55	57	62	64	65	65	66	66	65	68	73	75	65	60	65	56	54	57	66	68	61	56	58	64		62.8
PAOUCAH FAA AIRPORT	MAX	80	74	78	77	72	75	81	84	85	85	85	80	80	90	82	88	91	90	78	82	77	77	81	85	86	91	78	82	86	91		82.4
	MIN	68	66	64	58	56	58	57	59	63	65	66	69	68	66	67	72	74	72	67	65	61	57	55	61	67	68	60	56	64	68		63.9
PAOUCAH	MAX																																
	MIN																																
PRINCETUN 1 SE	MAX	81	80	77	80	79	74	81	85	87	86	86	84	80	89	88	86	91	90	86	78	77	77	80	85	87	89	89	82	85	89		83.6
	MIN	67	65	65	64	58	54	54	57	60	63	65	66	67	65	65	67	74	75	66	63	65	56	54	57	67	70	61	53	61	65		63.0
ROCHESTER LOCK 3	MAX	72	82	83	76	78			82	84	87	85	85			88	83	86	90	90			78	74	82	84	87			87	85		83.1
	MIN	65	68	66	64	58			55	56	60	62	62			62	66	67	74	65			54	54	55	57	67		52		59		61.3
RUSSELLVILLE	MAX	73	83	82	76	77	72	75	82	85	88	85	85	82	78	89	77	83	91	89	82	82	80	77	81	80	87	88	87	79	84		82.0
	MIN	65	67	66	63	58	54	54	55	58	60	66	64	69	61	63	67	67	74	65	65	65	53	52	55	60	65	61	51	54	64		61.4
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	80	83	82	78	77	76	83	87	88	89	87	86	84	87	86	80	89	90	90	80	79	80	83	85	88	87	82	81	85	93		84.2
	MIN	67	70	65	57	60	58	54	58	63	64	63	65	65	64	64	68	73	76	63	56	66	54	55	58	68	67	59	54	57	67		62.6
BARDSTOWN	MAX	84	85	88	88	84	77	83	86	88	89	86	89	88	88	87	86	94	93	88	77	77	78	83	86	90	90	76	80	87	91		85.5
	MIN	68	68	65	59	56	54	50	55	58	61	62	61	63	64	66	68	70	76	60	58	66	52	50	54	67	65	61	51	54	61		60.8
BARREN RIVER RESERVOIR	MAX	77	85	85	75	82	72	75	82	87	91	89	88	87	82	90	79	87	93	93	86	85	82	77	84	87	87	88	78	81	86		84.0
	MIN	66	69	65	65	58	54	51	53	55	58	63	67	67	61	64	68	68	74	64	64	65	54	54	55	56	67	62	52	53	61		61.1
BERNHEIM FOREST	MAX	80	83	84	80	78	75	83	87	88	88	87	89	85	87	88	81	91	91	89	79	78	78	82	85	86	89	84	81	86	92		84.5
	MIN	66	69	65	59	59	56	50	55	57	61	60	63	64	62	65	69	74	76	61	57	65	51	50	56	66	64	61	51	53	63		60.9
BOWLING GREEN FAA AP	MAX	84	83	77	80	72	76	85	86	90	90	88	86	82	91	77	86	92	91	86	82	82	77	82	88	90	90	78	80	87	91		84.3
	MIN	70	68	66	63	53	55	52	55	61	63	63	60	67	63	66	60	74	70	67	64	61	57	56	57	68	68	59	54	57	64		62.0
BRADFOROSVILLE	MAX	83	84	84	74	80	76	76	83	87	88	87	87	86	77	88	79	85	90	90	83	86	81	79	84	86	87	88	78	81	85		83.4
	MIN	65	69	66	62	59	55	58	53	56	59	62	58	64	59	66	70	70	75	59	59	65	51	49	51	65	63	62	47	51	51		60.0
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	83	83	79	80	80	83	85	86	88	87	86	84	85	87	85	85	90	90	88	76	77	79	81	85	88	87	77	79	85	89		83.9
	MIN	68	71	66	62	56	55	52	55	60	63	61	64	60	63	65	68	72	74	61	59	60	55	51	53	67	70	62	53	55	60		61.4
GLASGOW WKAY	MAX	84	85	75	80	73	74	82	85	88	88	87	86	83	89	85	86	91	88	84	82	83	78	82	85	86	88	81	79	85	89		83.7
	MIN	67	69	65	64	59	56	52	56	60	64	62	64	66	63	66	68	71	74	65	62	65	53	56	55	66	69	61	52	56	62		62.3
GREENSBURG	MAX	80	85	86	78	80	76	77	85	88	90	86	89	86	88	90	80	85	92	91	85	81	82	81	85	88	90	90	78	82	87		84.7
	MIN	66	68	66	63	60	57	50	53	58	61	61	62	64	66	67	68	70	74	63	63	63	54	54	54	57	67	63	52	55	60		61.3
HOOGENVILLE-LINCOLN NP	MAX	83	82	83	78	80	73	81	88	88	87	87	85	84	88	87	80	91	90	88	79	79	79	80	85	87	89	87	78	85	89		84.0
	MIN	66	68	64	60	58	54	51	62	69	63	62	62	66	64	69	68	68	74	63	61	65	51	51	55	65	66	60	52	56	65		61.9
IRVINGTON	MAX	82	88	82	77	77	67	83	86	88	88	85	85	85	89	89	83	89	90	87	77	78	75	80	84	88	88	82	81	85	90		83.6
	MIN	67	67	65	60	55	57	52	53	57	61	63	65	66	62	65	69	72	75	61	58	64	51	49	53	63	66	61	52	54	62		60.8
LEITCHFIELO 2 N	MAX	84	84	80	78	71	76	85	87	88	88	87	86	83	88	85	83	92	90	85	78	79	78	81	87	89	88	76	80	85	91		83.7
	MIN	67	69	67	62	56	56	54	55	59	62	63	62	61	63	65	69	71	76	63	63	67	53	52	55	69	68	63	54	56	63		62.1
LOUISVILLE	MAX	85	85	87	80	81	76	83	87	89	89	89	87	85	84	89	81	91	94	93	82	82	79	83	87	90	92	92	86	86	93		86.2
	MIN	56	72	67	60	61	60	59	63	67	70	65	66	66	65	67	70	74	75	70	59	68	60	61	63	71	71	64	60	63	71		65.5
LOUISVILLE WB AP	MAX	83	83	72	80	74	76	83	84	87	86	85	85	80	86	81	83	91	91	75	79	77	77	81	84	88	89	77	80	86	92		82.5
	MIN	70	67	63	60	60	58	54	59	63	65	65	65	66	65	67	70	73	73	63	59	65	57	55	59	69	68	60	55	59	67		63.3
MAMMOTH CAVE PARK	MAX	81	87	82	80	74	80	85	88	88	86	84	82	86	87	84	90	89	88	80	80	76	80	84	86	85	85	78	84	82	90		83.5
	MIN	67	69	65	62	56	60	53	57	61	60	62	67	62	65	67	71	72	72	61	65	60	57	53	56	61	59	60	52	54	60		61.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	75	83	84	78	78	74	75	84	91	89	89	87	86	81	81	78	86	92	90	83	80	79	77	83	87	88	89	77	81	86		83.0
	MIN	65	67	65	64	59	55	51	55	58	62	61	62	65	61	62	66	69	75	62	61	64	51	53	54	55	64	60	53	55	57		60.4
ROUGH RIVER DAM	MAX	74	83	83	78	79	70	76	85	88	90	88	88	85	82	89	80	85	91	90	80	79	78	77	84	86	88	89	78	83	86		83.1
	MIN	65	69	66	61	57	55	52	54	57	62	64	66	68	65	65	65	68	75	62	61	62	53	52	53	57	69	62	55	56	60		61.2
SCOTTSVILLE 3 SSW	MAX	81	82	79	77	69	72	79	84	87	86	85	83	80	88	84	86	90	88	86	82	81	75	80	84	85	87	77	78	84	88		82.2
	MIN	67	68	65	62	58	56	55	59	64	64	63	63	67	61	65	67	69	72	66	64	66	56	57	60	68	67	61	54	59	63		62.9
SUMMER SHADE	MAX	82	82	76	79	71	73	80	85	87	86	85	85	79	87	82	83	90	88	82	80	80	80	80	84	85	87	75	78	83	87		82.0
	MIN	65	66	65	65	58	57	50	55	59	63	63	61	68	62	65	68	70	73	62	64	58	53	54	55	66	67	65	52	56	60		61.5
WOLF CREEK DAM	MAX	82	86	84	76	82	76	76	83	86	89	87	87	86	79	88	79	84	92	91	85	83	81	81	83	86	87	88	77	80	85		83.6
	MIN	62	69	61	60	57	54	49	53	55	57	56	55	59	62	64	62	61	64	61	63	65	53	53	52	57	57	63	49	51	56		58.0
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	85	84	78	80	79	75	82	86	87	88	86	86	83	88	86	78	90	90	86	78	82	78	82	86	84	87	84	79	85	91		83.8
	MIN	67	70	66	65	61	53	50	58	61	62	64	64	66	62	65	69	70	74	66	61	64	54	54	58	68	67	61	52	57	64		62.4
CARROLLTON LOCK 1	MAX	80	81	80	72	70	76	82	85	91	92	85	85	85	85	81	82	90	90	87	77	77	76	80	85	85	87	87	79	85	93		83.0
	MIN	67	69	65	57	58	57	52	56	60	63	64	63	67	63	66	68	70	75	65	54	66	54	53	55	68	66	59	53	56	66		61.8
COVINGTON WB AIRPORT	MAX	83	82	73	69	72	77	83	86	87	86	85	87	82	86	83	80	91	90	74	77	76	78	83	87	84	89	76	80	87	95		82.3
	MIN	69	67	59	58	60	56	54	59	64	66	65	65	68	66	68	69	72	71	61	51	60	52	54	58	70	65	57	53	57	69		62.1
CYNTHIANA 2	MAX	86	86	87	73	79	78	77	84	88	89	89	86	87	80	87	80	78	90	90	80	80	81	79	84	86	89	89	77	81	88		83.6
	MIN	57	69	66	61	60	56	48	51	58	59	60	59	62	61	65	68	68	70	62	55	56	50	49	51	60	65	59	48	50	55		58.6
DANVILLE	MAX	83	83	80	74	79	75	75	80	85	87	86	85	86	76	86	78	80	90	88	81	78	81	77	81	85	82	87	75	78	84		81.5
	MIN	63	68	65	63	61	52	52	53	58	62	62	63	64	63	63	67	68	70	65	60	60	55	55	55	57	66	61	56	53	58		60.6
DIX DAM	MAX	84	82	79	77	79	75	78	85	87	88	86	86	85	86	86	79	89	90	87	80	79	79	81	84	86	88	87	76	85	90		83.4
	MIN	67	69	65	61	60	54	53	58	60	62	64	63	66	67	63	69	70	73	64	57	65	52	52	56	67	66	60	50	56	62		61.7
FALMOUTH 5 WNW	MAX	84	85	78	77	74	77	84	87	89	88	87	88	84	86	85	80	90	90	85	79	78	78	84	85	87	81	78	80	87	94		83.6
	MIN	64	63	63	58	55	54	46	52	54	59	60	59	61	60	65	64	68	69	57	46	61	46	45	49	62	62	55	46	50	60		57.1
FARMERS 1 WNW	MAX	86	84	78	79	78	73	81	86	87	88	86	87	79	88	78	80	93	91	80	81	82	78	84	88	88	87	79	80	86	93		83.6
	MIN	64	64	64	64	60	56	46	54	57	57	59	59	62	61	65	60	68	69	66	55	66	52	50	50	60	63	60	48	51	60		59.0
FLEMINGSBURG 1 SW	MAX	83	80	75	78	78	73	80	85	86	86	85	85	83	85	83	78	88	88	85	78	79	76	80	83	83	85	75	77	84	91		81.8
	MIN	66	67	65	61	58	55	49	55	58	59	60	60	63	63	67	67	68	74	63	52	65	52	58	53	62	65	58	48	53	64		60.3
FRANKFORT LOCK 4	MAX	81	83	83	72	79	78	76	84	88	90	89	87	86	80	88	79	77	92	90	77	79	78	78	82	85	88	88	78	81	85		82.7
	MIN	66	70	65	59	59	58	51	53	59	62	64	62	64	64	65	68	69	67	63	56	57	55	54	54	58	66	62	52	55	58		60.5
LEXINGTON WB AIRPORT	MAX	85	83	73	77	74	74	80	86	87	87	86	85	76	84	76	76	87	87	76	76	77	76	80	83	86	87	74	79	85	91		81.1
	MIN	69	68	66	62	57	53	53	59	62	64	66	64	66	62	67	68	69	70	62	57	58	54	52	56	66	66	58	50	56	65		61.5
MAYSVILLE SEWAGE PLANT	MAX	83	85	85	76	79	80	78	83	89	89	88	88	88	80	88	88	81	92	91	78	81	80	81	83	86	86	88	75	80	88		83.9
	MIN	66	67	67	61	60	56	52	54	57	60	62	62	63	64	66	66	67	71	63	51	51	53	53	55	56	64	59	54	54	55		59.6
MOUNT STERLING	MAX	84	84	74	76	76	76	81	85	86	86	85	84	84	85	83	78	89	90	90	78	81	81	81	86	85	86	85	78	86	92		83.2
	MIN	66	58	65	63	62	53	51	59	61	62	63	61	65	63	67	68	76	74	64	56	65	55	54	56	66	66	59	52	55	54		61.3
OWENTON	MAX	81	82	82	70	76	73	75	81	85	87	87	85	84	77	85	78	82	87	87	72	79	75	76	81	83	85	86	74	76	83		80.5
	MIN	68	69	65	57	60	59	58	54	67	67	65	66	69	65	66	68	69	73	63	53	55	54	56	62	59	66	57	57	60	61		62.3
RICHMOND	MAX	84	86	85	77	79	77	74	79	85	87	87	86	86	77	86	77	80	90	90	82	79	82	77	81	87	85	89	77	78	86		82.5
	MIN	66	68	65	63	60	51	50	56	60	62	62	63	65	60	66	65	67	73	61	59	61	59	55	55	64	65	60	51	56	61		61.0
SHELBYVILLE	MAX	78	80	81	69	78	75	76	82	86	87	87	85	84	76	83	77	79	88	89	76	78	78	76	80	83	86	86	75	80	83		80.7
	MIN	64	68	65	57	58	58	52	54	59	64	63	63	64	63	64	66	68	71	63	55	55	53	54	54	58	66	59	52	54	57		60.0
WARSAW MARKLAND DAM	MAX	80	84	84	72	72	74	78	84	90	89	90	87	87	80	86	83	79	90	89	75	79	76	80	72	85	87	87	76	81	86		82.1
	MIN	67	68	67	59	53	58	52	52	57	60	63	62	62	63	63	68	70	72	63	54	52	51	52	52	54	65	60	51	51	55		59.2
WAYNESBURG 7 NE	MAX	81	81	73	77	74	75	78	83	86	85	84	83	79	84	80	78	88	87	82	77	78	75	79	83	82	84	79	77	82	88		80.7
	MIN	63	67	63	61	57	52	51	56	63	62	61	61	65	59	65	68	66	72	61	60	62	52	52	55	64	64	60	52	54	59		60.2
WILLIAMSTOWN 3 NW	MAX	82	81	74	74	73	75	83	86	87	87	85	85	78	85	82	76	88	88	82	77	75	77	80	83	85	85	76	78	84	91		81.4
	MIN	67	70	62	57	57	57	54	60	67	65	65	63	67	63	64	68	68	73	62	52	68	53	55	59	66	63	57	54	58	67		62.0
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	86	88	85	76	78	79	74	80	87	87	89	87	86	85	84	76	84	91	91	80	80	82	76	81	86	85	87	73	76	86		82.8
	MIN	62	62	64	64	63	55	46	52	59	59	59	60	61	62	66	63	65	69	61	54	59	53	53	54	56	63	60	49	52	53		58.6
BARBOURVILLE	MAX	84	85	82	74	78	73	72	80	85	87	86	85	87	77	87	81	80	91	90	85	84	80	80	83	86	85	88	87	79	85		82.9
	MIN	64	62	64	63	58	56	52	52	54	59	61	58	58	62	62	64	62	63	65	57	64	57	56	55	55	61	64	52	52	53		58.8
BAXTER	MAX	85	86	83	75	77	78	74	78	85	88	88	87	85	80	88	81	80	90	90	85	83	80	81	84	86	85	87	73	78	84		82.8
	MIN	60	60	60	62	58	56	53	52	53	59	61	58	58	61	63	62	62	63	64	64	64	57	57	56	56	60	63	51	51			58.8
BLAINE	MAX	88	88	87	78	78	80	75	81	88	89	90	89	88	81	88	77	83	92	91	81	81	85	76	82	86	85	87	76	80	86		83.9
	MIN	59	56	54	64	60	54	45	43	55	55	55	57	57	61	59	62	62	60	58	55	54	54	51	48	48	58	62	47	46	46		54.8
CUMBERLAND	MAX	86	83	76	77	77	75	80	84	85	88	81	87	82	87	81	80	92	85	85	84	82	84	87	85	86	79	80	75	84	88		82.8
	MIN	60	60	62	62	56	53	50	51	50	51	57	56	59	59	64	57	61	60	63	63	55	54	54	59	61	59	59	51	45	56		56.9
DEWEY DAM	MAX	89	90	85	78	78	80	78	84	88	88	90	86	88	82	88	74	85	91	93	80	85	84	85	88	86	84	89	75	80	87		84.6
	MIN	58	59	57	64	60	56	50	52	56	57	58	57	59	65	65	64	64	65	62	62	62	55	55	56	58	56	63	49	52	52		58.3
GRAYSON 5 SE	MAX	87	88	84	76	78	79	73	82	88	87	89	88	87	82	86	75	82	91	91	81	81	84	78	84	87	85	88	76	80	86		83.4
	MIN	60	58	58	64	61	52	43	45	54	54	54	60	60	60	62	62	63	65	59	53	57	50	50	48	49	59	60	45	48	50		55.4
HEIDELBERG LOCK 14	MAX	85	86	84	76	79	75	80	85	88	89	89	86	86	87	88	80	90	91	90	83	80	80	81	84	86	87	88	78	84			84.3
	MIN	63	59	63	64	58	53	45	52	58	59	60	59	61	59	66	65	62	66	60	62	65	54	55	52	61	62	62	48	49	57		58.6
HINDMAN 11 NNE	MAX	87	88	84	77	77	78	80	80	85	86	87	83	86	83	86	77	85	90	90	88	85	83	79	83	87	85	87	73	77	86		83.4
	MIN	57	56	59	64	59	55	45	50	53	57	58	59	59	59	63	60	62	65	63	64	64	55	54	52	53	60	61	49	48	48		57.0
HYDEN	MAX		85	83	78	77	78	75	78	83	86	87	85	85	81	87	81	82	89	90	84	82	80	78	80	84	87	86	73	75	83		82.1
	MIN		56	58	61	59	56	51	51	53	60	60	59	59	60	59	62	62	62	63	63	64	57	56	54	54	58	62	52	52	52		57.8
JACKSON	MAX	90	89	88	78	80	76	80	84	90	91	91	90	89	79	90	78	83	93	94	86	81	83	82	85	88	84	89	77	81	88		85.2
	MIN	58	59	60	64	60	54	50	50	55	62	62	61	61	62	62	65	65	65	65	64	65	55	55	55	56	62	64	52	52	53		59.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	86	82	73	77	74	72	79	84	86	86	84	84	77	86	79	78	89	89	82	80	79	78	80	83	82	85	74	76	83	88		81.2
	MIN	65	66	65	64	57	55	49	53	59	60	61	59	61	57	66	66	65	71	62	63	62	56	55	53	61	67	55	50	53	60		59.9
MANCHESTER 4 SE	MAX	84	83	80	77	77	74	78	84	88	86	85	86	84	86	85	81	89	90	89	80	80	78	80	83	86	86	83	76	82	88		82.9
	MIN	61	57	63	65	58	56	49	52	56	59	60	59	60	59	65	63	62	65	63	62	65	55	54	52	57	62	62	49	49	57		58.5
MC KEE	MAX	82	85	82	73	77	72	74	80	85	86	87	85	85	75	86	77	78	89	89	80	79	78	76	80	85	81	87	73	76	85		80.9
	MIN	59	60	62	62	55	53	44	46	53	57	58	56	58	56	57	63	62	68	59	60	62	52	50	50	53	61	62	47	48	50		56.1
MIDDLESBORO	MAX	81	84	80	73	75	76	74	80	83	87	84	85	85	76	86	80	78	88	90	85	80	84	81	89	87	85	87	74	77	82		81.9
	MIN	63	61	63	63	59	56	50	52	53	59	59	56	56	60	60	62	61	61	66	65	63	57	57	56	55	60	63	51	51	52		58.3
MONTICELLO	MAX	84	84	78	80	76	75	82	87	89	85	88	87	83	87	85	82	91	90	87	83	82	80	82	85	84	86	83	79	85	89		83.9
	MIN	67	70	65	63	61	57	47	53	57	59	60	61	65	61	68	68	70	75	63	65	65	54	54	53	63	65	63	49	54	59		61.1
MOUNT VERNON	MAX	85	83	81	78	80	75	80	86	88	87	85	85	85	86	86	80	89	90	88	79	78	78	84	84	82	85	85	78	84	90		83.5
	MIN	66	69	65	63	60	53	48	54	59	60	61	59	64	58	65	68	70	66	62	61	64	53	51	53	65	66	61	49	52	60		60.2
PIKEVILLE	MAX	91	86	77	78	84	80	82	89	90	92	88	90	85	89	78	86	94	95	88	84	85	82	87	91	89	91	76	79	90	92		86.3
	MIN	60	60	65	65	63	58	56	59	59	58	61	63	56	67	64	63	65	68	64	63	66	57	56	54	60	64	65	52	51	58		60.7
SOMERSET 2 N	MAX	62	82	77	78	75	73	79	85	87	87	85	86	83	87	85	78	90	90	87	82	80	79	80	83	81	85	84	77	85	89		82.7
	MIN	63	69	62	59	58	54	48	54	58	61	60	59	64	59	66	68	69	71	58	63	64	52	53	53	57	60	63	49	52	49		59.2
STEARNS	MAX	81	80	82	75	75	79	78	84	78	80	82	84	80	83	86	83	85	88	89	83	83	78	78	82	83	85	84	78	80	87		81.8
	MIN	66	62	64	62	58	59	59	62	57	61	60	59	52	54	63	64	65	67	65	64	64	54	56	55	60	63	56	52	52	54		59.6
TOMAHAWK 1 WSW	MAX	86	86	82	77	77	85	85	81	87	87	88	84	88	83	87	74	83	90	90	81	80	83	77	81	87	83	87	74	78	85		83.2
	MIN	57	55	55	63	60	60	47	46	51	54	54	55	56	56	64	63	62	62	60	60	60	54	54	51	51	58	62	48	47	47		55.7
VANCEBURG	MAX	77	79	78	79	77	76	81	86	87	88	87	87	82	86	82	80	91	92	90	79	80	79	83	85	87	86	85	83	87	91		83.7
	MIN	63	59	61	61	60	56	46	46	56	55	58	59	61	60	60	64	64	70	60	59	60	50	49	50	59	62	58	57	59	61		58.1
WEST LIBERTY	MAX	86	85	82	75	78	78	80	81	87	87	88	86	88	78	82	76	81	91	90	81	80	83	77	82	86	83	88	75	80	85		82.6
	MIN	60	58	58	62	60	52	47	47	55	59	59	58	58	60	60	63	63	66	69	58	58	53	52	52	52	62	61	47	47	53		57.0
WILLIAMSBURG 1 E	MAX	80	84	83	79	76	73	73	79	83	85	80	80	83	84	86	83	88	90	90	88	85	83	80	80	84	86	84	76	83	88		82.5
	MIN	61	64	63	62	63	56	55	52	53	57	58	57	56	57	58	69	66	67	69	63	64	55	56	56	55	60	64	49	52	57		59.1

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	-	.29	.17	.12	.24	-	.14	.13	.38	.28	.23	.29	.20	.25	.21	-	.16	.37	.26	.13	.14	.30	.24	.20	.21	.17	.25	.36	.26	.29		6.97B
	WIND	88	120	42	32	42	21	15	15	22	21	39	47	44	28	45	71	69	98	54	28	39	39	16	19	39	30	85	24	30	46		1308
	MAX	79	83	84	79	85	75	82	93	94	94	91	93	85	79	97	88	88	96	95	92	92	91	91	92	92	94	92	89	91	93		89.0
	MIN	66	60	60	60	63	61	65	62	65	68	68	72	67	69	68	68	69	75	71	70	61	63	63	63	63	71	63	61	61	63		65.3
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.07	.17	.25	.40	.08	.36	.03	.19	.22	.29	.22	.22	.22	-	.33	.04	.21	.37	.36	.13	.17	.32	.35	.12	.18	.26	.38	.19	.33	.28		6.978
	WIND	45	91	56	36	25	27	19	20	16	17	33	23	33	33	34	51	54	75	71	25	40	64	20	23	27	36	59	29	25	49		1156
WOLF CREEK DAM	EVAP	.11	.21	.16	.08	.16	.15	.15	.21	.18	.22	.12	.19	.06	.14	.21	.11	.09	.22	.07	.28	.14	.17	.14	.24	.19	.18	.23	.14	.21	.19		4.95
	WIND	33	52	28	22	22	16	8	11	10	8	10	10	11	10	11	19	20	32	21	15	30	19	8	10	12	14	28	13	11	15		529
	MAX	83	87	88	78	87	83	81	91	96	96	90	94	92	81	97	80	83	97	90	94	87	86	88	95	97	95	95	85	92	94		89.4
	MIN	65	67	66	65	63	61	60	61	62	65	63	63	65	67	68	66	65	70	68	69	67	62	62	62	61	67	67	58	58	66		64.3
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	-	-	.17	.09	.17	.27	.10	.20	.20	.28	.12	.20	*	*	.57	.14	.02	.20	.37	.21	.10	.05	.20	.20	.30	.18	.35	*	.49	.24		5.818
	WIND	-	73	39	34	32	39	33	14	19	17	20	20	20	29	14	26	34	43	74	48	26	25	-	-	-	-	-	-	-	-		-
	MAX	91	87	87	79	85	75	78	88	95	96	93	94	95	96	98	81	79	94	94	88	82	86	86	93	95	96	-	-	99	96		89.5
	MIN	58	68	68	65	65	65	58	59	68	69	67	68	68	68	67	70	70	71	66	61	61	57	59	63	67	70	-	-	60	63		65.0
* * * EASTERN 04																																	
BUCKHORN	EVAP	.31	.19	.11	-	-	.07	.20	.21	.20	.23	.10	.21	.19	.09	.22	.05	.07	.23	.27	.18	.07	.19	.20	.21	.26	.12	.32	.16	.22	.23		5.488
	WIND	17	23	33	15	17	13	23	14	11	13	12	14	12	15	12	10	23	33	65	23	20	8	58	15	25	11	56	28	14	23		656
	MAX	96	92	91	80	85	78	88	92	97	98	99	95	96	80	100	84	84	97	94	90	87	86	92	95	96	84	90	80	91	93		90.3
	MIN	65	66	66	67	66	62	61	60	64	68	68	67	66	67	67	70	69	69	69	69	68	64	63	64	64	65	69	61	60	63		65.6
DEWEY DAM	EVAP	.18	.09	.23	.01	.03	.04	.17	.17	.19	.12	.16	.10	.13	.10	.07	-	*	.19	.23	.18	.11	.20	.17	.20	.11	.10	.02	.16	.18	.04		3.818
	WIND	12	13	12	4	10	5	13	8	6	9	8	5	6	4	8	2	5	8	20	19	*	33	12	11	8	14	10	22	11	14		312

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	77	88	88	78	75	75	83	81	82	82	81	81	82	81	82	82	83	82	83	82	81	80	81	81	83	83	81	82	84	84		81.6
		MIN	73	73	74	71	71	70	69	70	73	74	74	75	73	74	76	78	74	74	76	74	74	72	71	72	72	76	75	72	72	76		73.3
	20	5PM	70	71	71	70	70	70	69	70	71	71	72	72	72	72	73	73	73	73	73	73	74	73	74	74	73	74	74	74	73	73		72.2
BEREA COLLEGE	4	MAX	72	72	73	72	73	74	74	75	75	76	76	76	76	76	76	72	77	78	78	77	75	75	74	75	75	76	76	75	75	77		75.0
		MIN	71	72	71	70	72	69	69	70	71	72	73	73	73	73	72	72	72	75	75	74	73	71	70	71	73	73	73	70	71	72		71.9
	20	5PM	69	70	70	70	70	70	70	70	70	71	71	72	72	72	72	72	72	72	73	73	73	73	73	73	73	73	73	73	73	73		71.7
CUMBERLAND GAP PARK	4	MAX	77	74	76	71	72	72	74	75	76	76	77	77	78	79	80	76	78	80	80	80	77	77	79	80	79	79	80	76	77	79		77.0
		MIN	70	70	70	69	69	68	67	68	70	71	71	70	72	78	76	70	71	72	75	75	73	71	71	74	74	74	75	69	71	72		71.5
	20	5PM	63	69	69	69	69	68	68	69	69	69	70	70	70	70	70	70	71	71	70	71	72	72	72	72	72	72	72	71	71	71		70.1
FLEMINGSBURG 1 SW	4	MAX	69	69	68	67	68	68	66	72	75	75	75	78	78	78	78	73	77	79	80	75	75	75	76	75	76	75	76	76	76	76		74.1
		MIN	66	66	67	66	66	64	62	64	67	69	70	71	72	70	73	71	71	74	73	69	71	69	69	69	71	72	71	68	69	70		69.0
	20	6PM	65	65	65	65	65	65	65	65	65	66	67	67	68	68	68	68	68	68	69	68	68	68	68	68	68	68	68	68	68	68		67.0
GLASGOW WKAY	4	MAX	74	75	75	74	74	72	74	76	76	77	78	78	76	78	78	76	79	79	79	77	76	75	77	78	79	79	79	77	78	79		76.7
		MIN	69	71	71	70	70	68	69	71	70	72	72	73	72	71	75	73	74	76	74	74	73	72	71	71	74	75	74	72	74	73		72.1
	20	6PM	67	67	67	67	67	67	67	67	68	68	69	69	69	69	69	70	70	71	71	71	71	71	71	71	71	72	72	71	72	72		69.5
GREENVILLE 2 W	4	MAX	77	78	78	77	78	74	80	82	83	84	83	83	80	83	84	80	82	83	83	82	82	82	82	83	82	83	82	81	83	82		81.2
		MIN	73	74	74	73	72	69	69	73	75	77	76	75	76	75	78	72	78	79	78	77	76	75	74	75	77	78	76	73	76	76		75.0
	20	5PM	70	70	70	69	70	69	69	70	70	71	71	72	72	72	72	72	72	73	74	73	73	73	73	73	73	73	73	73	73	73		71.7
HENDERSON 7 SSW	4	MAX	73	74	74	73	73	71	73	74	75	76	78	78	77	80	80	79	81	82	82	82	79	78	79	78	79	78	79	78	79	79		77.4
		MIN	73	73	73	73	71	71	70	71	73	74	74	75	76	76	77	78	79	80	79	78	78	75	75	76	77	78	77	76	76	77		75.3
	20	6PM	68	68	68	68	68	67	67	67	68	68	69	70	70	70	71	71	72	72	73	72	72	72	72	72	72	72	72	72	72	72		70.2
MAYFIELD RADIO WNGO	4	MAX	80	80	80	80	79	78	78	82	80	80	81	82	80	80	82	82	83	83	80	81	80	83	83	86	83	83	84	84	82	83		81.4
		MIN	75	73	74	74	73	72	74	74	72	75	76	77	75	76	77	78	79	80	75	76	77	79	80	83	77	78	78	81	76	79		76.4
	20	5PM	74	72	72	72	72	71	72	73	72	73	73	74	73	72	73	74	74	74	75	75	75	75	74	74	75	75	76	75	75	76		73.7
PRINCETON 1 SE	4	MAX	79	76	74	75	76	73	75	77	78	78	78	79	76	80	78	78	80	81	82	78	78	77	77	78	80	82	81	78	78	80		78.0
		MIN	76	73	72	72	72	70	69	71	74	74	74	75	74	73	75	75	77	79	78	76	75	76	74	74	76	78	76	74	75	75		74.4
	20	5PM	69	69	69	69	69	69	68	68	69	70	70	70	70	70	71	71	71	72	72	72	72	72	71	72	72	72	73	72	72	72		70.6
QUICKSAND	4	MAX	79	78	76	74	75	76	78	78	80	80	81	81	81	81	82	75	81	81	81	80	80	77	79	80	79	78	78	79	84	79		79.0
		MIN	71	70	71	70	70	68	68	69	73	72	73	72	72	72	74	73	73	76	75	74	74	72	71	71	72	73	72	71	71	72		71.8
	20	4PM	70	70	70	70	70	69	69	69	70	70	71	72	72	72	73	73	73	72	73	73	73	73	72	73	73	73	72	72	73	72		71.6
SANDY HOOK 4 NW	4	MAX	-	78	76	76	76	75	75	77	78	80	80	80	80	79	79	75	80	80	82	78	77	78	78	82	82	80	80	77	78	82		78.6
		MIN	-	72	74	71	70	71	66	67	72	70	71	71	73	70	75	70	72	74	74	70	72	70	76	70	74	73	72	66	68	71		71.2
	20	6PM	-	65	65	65	65	65	65	65	65	66	66	66	67	67	67	67	67	67	68	67	68	67	67	67	68	68	68	67	67	68		66.6
SOMERSET 2 N	1	MAX	74	76	75	74	76	72	74	79	79	81	80	80	79	81	81	74	82	81	80	80	79	80	82	82	82	81	80	80	82	85		79.0
		MIN	70	70	70	70	70	69	70	66	70	72	71	72	72	71	73	72	72	75	74	73	72	70	70	71	74	74	74	71	71	73		71.4
	4	MAX	72	73	73	72	73	71	72	76	76	77	77	77	79	78	78	74	79	79	80	79	78	78	79	80	80	79	79	78	79	81		76.9
		MIN	70	70	70	70	69	68	69	66	70	72	72	72	72	70	73	72	72	75	75	74	73	70	70	71	73	73	73	70	71	72		71.2
	20	6PM	70	70	70	70	70	70	70	70	70	71	71	72	72	72	72	72	72	73	74	73	73	71	73	73	73	73	73	73	74	74		71.8

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
WILLIAMSTOWN 3 NW																																		
	4	MAX	70	70	70	70	70	70	70	72	73	74	74	74	74	73	73	73	74	74	74	73	72	73	74	74	74	74	75	74	74	75		72.8
		MIN	69	69	70	69	68	68	67	68	70	71	72	72	72	71	73	73	73	74	72	70	71	69	69	70	71	72	72	70	71	71		70.6
	20	6PM	64	64	64	64	64	64	64	64	65	65	65	66	66	66	67	67	67	67	68	67	68	67	67	67	67	68	68	68	68	68		66.1

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

CLIMATOLOGICAL DATA

KENTUCKY
JUNE 1970
DELAYED DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
DECEMBER 1969																							
CAMPBELLSVILLE 2 SSW	41.4	25.7	33.6		54	13	15	5	968	0	1	26	0	5.79		2.46	29				5	3	3
SOMERSET 2 N	40.7	24.4	32.6		56	30	12	5	998	0	2	29	0	0 5.68		2.03	30		5	27+	7	2	2
* * *																							
FEBRUARY 1970																							
CAMPBELLSVILLE 2 SSW	45.9	26.1M	36.0M		67	18	-4	4	805	0	2	20	1	3.62		1.32	15	3.0					2
MONTICELLO	48.1	26.0	37.1		69	18	-8	4	774	0	0	21	1	4.05		2.10	15	2.0			8	1	1
* * *																							
APRIL 1970																							
CAMPBELLSVILLE 2 SSW	72.9	46.5	59.7		87	30+	28	5	194	0	0	2	0	9.11		3.68	28	.0	0		7	5	3
WILLIAMSBURG 1 E	74.9	42.1M	58.5M	1.0	88	30	28	3	240	0	0	4	0	5.96	2.02	1.80	2	.0	0		9	4	2

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
DECEMBER 1969																																
CAMPBELLSVILLE 2 SSW	5.79							1.54			.20	.42	T			T			.01				T	T	T	.02	.02		T	2.46	1.12	T
SOMERSET 2 N	D 5.68										.42	.23	.03						.06			.30	.17	.03		D .30	.06			2.01	2.03	.04
* * *																																
FEBRUARY 1970																																
BURKESVILLE 2 W	4.72		.58	.46			.41	.15	.14	.46	T					2.15								.28		.09						
CAMPBELLSVILLE 2 SSW	3.62		.07	.03		.13		*	*	.72	T	T	T		1.20	1.32				T			.15									
MONTICELLO	4.05		.39	.33	.01		.16		.18	.38	.01				.02	2.10	.17							.24		.06	T					
* * *																																
MARCH 1970																																
DUNDEE	-		.06	.34	1.14	.01							.22	.12	T			-	-					T	.08	-	-	-		-		
PARADISE STEAM PLANT R	4.50		.29	.02	.90	.05							.48	.25	.02	T		.55	.76		.03		.11	.04	.05	.18	.38	T		.33	.05	.01
* * *																																
APRIL 1970																																
CAMPBELLSVILLE 2 SSW	9.11	.73	1.85				T							.01	T			T		T	1.44		.08	.22	.65			.45	3.68			
WILLIAMSBURG 1 E	5.96	.09	1.80					.16								T		T	.24		.48				.02	.19	.80	.11	.80	1.27		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
DECEMBER 1969																																	
CAMPBELLSVILLE 2 SSW	MAX	47	48	44	39	40	45	48	50	49	46	42	38	54	52	33	38	42	44	43	41	36	34	40	32	33	34	35	36	45	40	36	41.4
	MIN	29	20	28	21	15	28	34	33	24	32	36	24	21	31	28	17	18	22	29	25	21	27	24	21	25	26	23	20	33	33	30	25.7
SOMERSET 2 N	MAX	48	45	46	39	40	45	53	42	42	40	43	37	53	48	33	38	41	43	43	36	34	32	40	33	33	33	30	35	45	56	36	40.7
	MIN	29	14	24	18	12	25	30	30	21	28	37	27	22	30	27	15	15	16	31	24	21	28	23	22	24	26	20	23	32	34	29	24.4
* * *																																	
FEBRUARY 1970																																	
CAMPBELLSVILLE 2 SSW	MAX	50	49	39	29	35	40	44	44	45	40	39	40	42	39	45	43	46	67	63	32	50	46	54	53	47	41	59	64				45.9
	MIN	48	35	7	- 4	28	33	34		32	27	29	25	23	27	33	24	23	32	29	16	14	33	38	25	29	11	29	26				26.1
MONTICELLO	MAX	50	50	41	35	35	48	48	48	44	40	37	41	50	47	56	37	44	69	63	35	50	57	53	51	47	45	62	64				48.1
	MIN	27	38	9	- 8	28	33	34	40	34	29	26	25	19	30	35	30	30	29	31	16	11	25	39	24	30	9	31	25				26.0
* * *																																	
APRIL 1970																																	
CAMPBELLSVILLE 2 SSW	MAX	61	65	63	62	58	62	63	76	75	72	74	73	76	69	67	78	75	78	85	80	75	81	75	75	74	75	78	68	87	87		72.9
	MIN	44	36	31	34	28	41	33	39	56	37	33	33	57	40	37	47	57	44	63	50	46	46	64	59	45	52	54	59	62	69		46.5
WILLIAMSBURG 1 E	MAX	62	65	65	66	64	61	66	78	75	77	76	77	77	73	70	80	78	79	86	85	80	77	79	74	72	73	76	80	87	88		74.9
	MIN	40	38	28	36	33	32	33	32		35	32	37	50	42	42	41	53	48	64		50	49			46					65		42.1

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * * OCTOBER 1969 SANDY HOOK 5 W																																		
	4	MAX	67	68	70	70	70	70	67	66	66	67	67	68	70	70	65	62	61	62	62	62	62	62	62	56	55	55	55	54	54	53	58	63.1
		MIN	65	66	66	66	60	66	65	63	62	62	62	65	68	65	59	61	60	56	54	55	57	59	56	50	53	54	54	51	49	49	53	59.1
	20	6PM	66	66	67	67	66	67	67	66	65	65	65	65	66	66	65	64	63	62	61	61	61	60	60	58	58	58	58	56	56	55	55	62.4
* * * DECEMBER 1969 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	42	42	40	41	40	39	43	43	43	41	41	41	41	41	41	40	38	38	38	38	38	38	37	37	36	36	36	36	38	38	38	39.3
		MIN	39	38	39	38	36	38	39	39	38	40	41	41	37	38	40	37	36	36	37	36	36	36	37	36	35	36	36	36	36	37	37	37.5
	20	6PM	46	46	45	45	44	44	44	44	44	44	44	44	44	44	44	43	42	42	42	41	41	42	41	41	41	41	41	41	40	40	40	42.7
SOMERSET 2 N																																		
	1	MAX	43	43	43	42	40	40	44	44	43	44	43	42	41	42	41	40	41	41	41	41	38	38	38	38	37	36	37	38	39	41	42	40.7
		MIN	39	37	38	37	35	37	40	40	38	42	42	40	37	40	40	35	35	36	37	37	36	36	37	36	35	35	36	37	37	38	38	37.5
	4	MAX	43	44	44	43	41	41	44	44	44	44	43	43	43	43	42	41	41	40	41	41	39	39	39	39	38	37	38	37	38	41	42	41.2
		MIN	41	39	39	39	36	39	41	41	40	42	42	42	39	42	41	37	37	36	38	39	36	38	38	38	36	36	37	36	37	38	38	38.6
	20	6PM	50	49	49	49	48	48	48	48	48	48	48	48	48	48	47	46	46	45	45	45	45	45	45	44	43	43	44	42	43	43	43	46.2
* * * APRIL 1970 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	52	53	56	54	55	54	55	55	58	57	57	58	58	59	58	60	61	63	63	62	63	62	62	64	64	65	66	65	69	70		59.9
		MIN	48	48	43	47	47	46	46	43	52	50	50	50	50	53	50	54	58	56	56	57	58	58	61	62	58	58	58	62	61	67		53.6
	20	6PM	46	48	47	48	48	47	47	48	49	50	50	50	51	51	51	52	52	54	55	55	55	55	56	57	57	57	57	60	59	60		52.4

CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * DECEMBER 1969																																
SOMERSET 2 N	SNOWFALL																					-	-			3.0	1.7					
	SN ON GND																					-				3	5	5	-			
* * * FEBRUARY 1970																																
CAMPBELLSVILLE 2 SSW	SNOWFALL			3.0											T																	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MONTICELLO	SNOWFALL			1.0			1.0				T				T																	
	SN ON GND			1	-	-	-				T				T																	

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
JANUARY THROUGH AUGUST 1969	CLIMATOLOGICAL DATA	CENTRAL 02	BARDSTOWN NAZARETH COL	DELETE AVERAGE MAXIMUM TEMPERATURE AND ALL DERIVATIVE DATA
JANUARY THROUGH AUGUST 1969	DAILY TEMPERATURE	CENTRAL 02	BARDSTOWN NAZARETH COL	DELETE ALL MAXIMUM TEMPERATURES
JULY 1969 THROUGH JANUARY 1970	STATION INDEX	EASTERN 04	FISHTRAP RESERVOIR	STATION ELEVATION SHOULD READ 718
FEBRUARY 1970	ALL TABLES	CENTRAL 02	CLERMONT 1 SSE	STATION NAME BERNHEIM FOREST

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA H. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 13	1070	5P	5P		CGM	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES P. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GM	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	430		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALHAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 46	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY H. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	800	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14 R	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C MJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	RITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURCHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C MJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	475	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 28	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 38	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTHILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A			CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT R	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	670				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

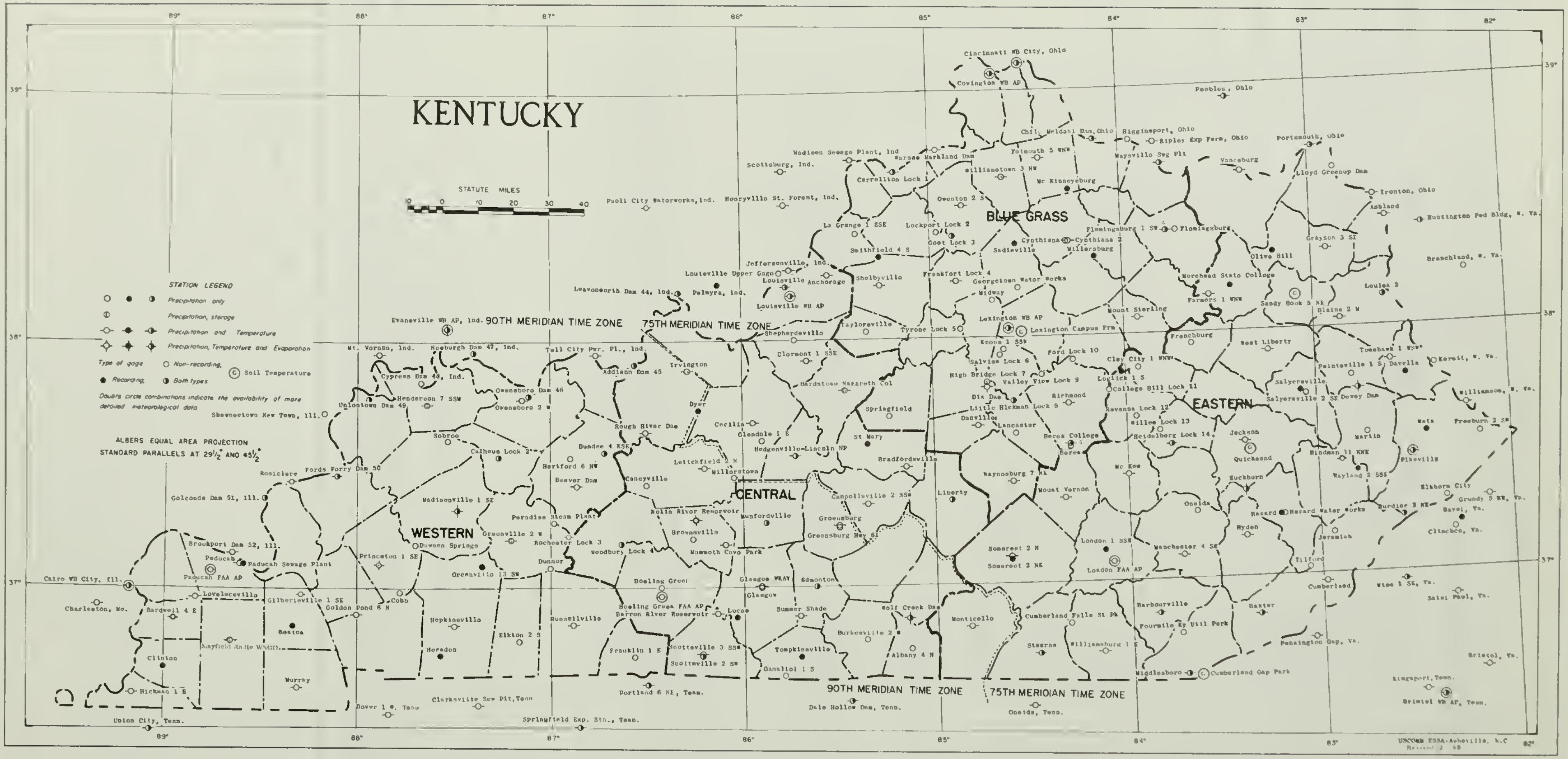
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 7/30/70-870


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording,
Recording,
Both types
Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
89° 88° 87° 86° 85° 84° 83° 82°
39° 38° 37°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Chil. Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind
Markland Dam
Scottsburg, Ind.
Falmouth 5 WNW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Williamstown 3 NW
Carrollton Lock 1
Mc Kinneysburg
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Owenton 2 S
Lockport Lock 2
Gest Lock 3
La Grange 1 ESE
Smithfield 4 S
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Grayson 3 SE
Branchland, W. Va.
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 5 NE
Louisa 2
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WB AP
Lexington WB AP
Lexington Campus Frm
Mount Sterling
Evansville WB AP, Ind.
Taylorsville
Tyrone Lock 5
Frenchburg
West Liberty
Tomahawk 1 WSW
Davella
Kermit, W. Va.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind
Shepherdsville
Clermont 1 SSE
Econe 1 SSW
Ford Lock 10
Clay City 1 WNW
Paintsville 1 S
Williamson, W. Va.
Cypress Dam 48, Ind.
Addison Dam 45
Irvington
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Lock 14 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE Dewey Dam
Henderson 7 SSW
Owensboro Dam 46
Owensboro 2 W
Bardstown Nazareth Col
Springfield
Dix Dam
Danville
Little Hickman Lock 8
Richmond
Ravenna Lock 12
Willow Lock 13
Heidelberg Lock 14
Jackson
EASTERN
Wats
Freeburn 2 SE
Uniontown Dam 49
Shawneetown New Town, Ill.
Sebree
Rough River Dam
Dyer
Cecilia
Glendale 1 E
Hodgenville-Lincoln NP
St Mary
Lancaster
Berea College
Berea
Quicksand
Martin
Pikeville
Calhoun Lock 2
Dundee 4 ESE
Hartford 6 NW
Beaver Dam
Leitchfield 2 N
Millerstown
Bradfordsville
Waynesburg 7 NE
Mc Kee
Hindman 11 NNE
Wayland 2 SSE
Elkhorn City
Grundy 3 NW, Va.
Haysi, Va.
Rosiclare
Fords Ferry Dam 50
Madisonville 1 SE
Caneyville
Nolin River Reservoir
Munfordville
Campbellsville 2 SSW
Liberty
Mount Vernon
Oneida
Buckhorn
Hazard
Hazard Water Works
Burdine 2 NE
Clintwood, Va.
Golconda Dam 51, Ill.
Paradise Steam Plant
Greenville 2 W
Dawson Springs
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Greensburg
Greensburg Hwy 61
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Hyden
Jeremiah
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Princeton 1 SE
Greenville 13 SW
Dunmor
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Glasgow WKAY
Glasgow
Edmonton
Tilford
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Cairo WB City, Ill.
Lovelaceville
Gilbertsville 1 SE
Golden Pond 6 N
Cobb
Hopkinsville
Russellville
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Fourmile Ky Util Park
Baxter
Charleston, Mo.
Bardwell 4 E
Mayfield Radio WNGO
Benton
Elkton 2 S
Franklin 1 E
Scottsville 3 SSE
Scottsville 2 SE
Tompkinsville
Burkesville 2 N
Albany 4 N
Gamaliel 1 S
Stearns
Williamsburg 1 E
Pennington Gap, Va.
Bristol, Va.
Clinton
Hickman 1 E
Murray
Heradon
Middlesboro
Cumberland Gap Park
Kingsport, Tenn.
Bristol WB AP, Tenn.
Union City, Tenn.
Dover 1 W, Tenn
Clarksville Sew Plt, Tenn
Springfield Exp. Sta., Tenn.
Portland 6 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
USCOMM ESSA-Asheville, N.C.

551.65
UN KE

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
JULY 1970
Volume 65 No. 7

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	89.6	63.4	76.5		99	30	52	6	0	18	0	0	0	.32		.10	8	.0	0		1	0	0
BEAVER DAM	87.4	64.0	75.7		97	2	51	6	0	15	0	0	0	.53		.42	16	.0	0		1	0	0
FORDS FERRY DAM 50	87.9	65.7	76.8		100	2	56	6	0	14	0	0	0	2.63	- .53	1.43	28	.0	0		6	2	1
GILBERTSVILLE 1 SE	87.7M	63.8M	75.8M		97	2	52	6	0	17	0	0	0					.0	0				0
GOLDEN POND 8 N	86.1M	66.7	76.4M		96	31	57	6	0	11	0	0	0	1.59		.98	28	.0	0		2	2	0
GREENVILLE 2 W	87.3	64.2	75.8	- 1.8	95	2	53	6	0	16	0	0	0	3.41	- .96	2.52	20	.0	0		4	1	1
HENDERSON 7 SSW	87.1	65.5	76.3	- 2.3	97	2	55	6	0	16	0	0	0	4.55	1.15	1.60	27	.0	0		8	3	2
HICKMAN 1 E	89.6M	65.0M	77.3M		101	2	52	6	0	20	0	0	0	1.88		.72	19	.0	0		5	1	0
HOPKINSVILLE	87.7	64.0	75.9	- 2.6	98	3	55	7+	0	15	0	0	0	2.23	- 1.70	.72	20	.0	0		6	2	0
LOVELACEVILLE	89.0	63.4	76.2	- 2.8	98	31+	52	6	0	18	0	0	0	.77	- 2.55	.25	31	.0	0		4	0	0
MADISONVILLE 1 SE	88.1	65.3	76.7		97	2	54	6	0	18	0	0	0	4.18		1.56	20	.0	0		6	3	2
MAYFIELD RADIO WNGO	88.2M	63.6M	75.9M		97	3	48	6	9		0	0	0	.88		.44	20	.0	0		3	0	0
MURRAY	88.3	66.2	77.3	- 1.8	98	2	55	6	1	14	0	0	0	2.26	- 1.67	1.60	20	.0	0		4	1	1
OWENSBORO 2 W	88.5M	64.4M	76.5M	- 1.9	99	2	54	6	0	16	0	0	0	1.79	- 1.71	.50	9	.0	0		7	1	0
PADUCAH FAA AIRPORT	87.8	65.7	76.8		98	31+	55	6	0	16	0	0	0	.52		.23	31	.0	0		2	0	0
PADUCAH																							
PRINCETON 1 SE	87.6	64.8	76.2	- 2.6	95	3+	52	6	2	16	0	0	0	2.02	- 1.43	.75	28	.0	0		4	2	0
ROCHESTER LOCK 3	85.8M	62.2M	74.0M		96	3	52	6	5		0	0	0	.84		.22	20	.0	0		4	0	0
RUSSELLVILLE	86.2	63.7	75.0	- 3.3	95	3	51	6	3	14	0	0	0	2.51	- 1.80	1.55	20	.0	0		3	2	1
DIVISION			76.2	- 2.4										1.94	- 2.03			.0					
* * * CENTRAL 02																							
ANCHORAGE	87.4	65.1	76.3	.4	98	2	54	21	0	12	0	0	0	4.41	.64	.85	16	.0	0		7	6	0
BARDSTOWN	88.6	63.2	75.9		96	2	52	6	2	14	0	0	0	3.50		1.25	20	.0	0		4	3	2
BARREN RIVER RESERVOIR	87.6	62.3	75.0		98	3	52	6	2	14	0	0	0	6.10		1.72	31	.0	0		7	4	3
BERNHEIM FOREST	88.3	63.3	75.8		97	2	51	6	2	17	0	0	0	3.16		.70	23	.0	0		6	3	0
BOWLING GREEN FAA AP	87.1	65.1	76.1	- 3.0	98	2	53	6	1	13	0	0	0	2.31	- 1.88	.76	8	.0	0		5	1	0
BRADFORDSVILLE	87.3	62.4	74.9		98	3	49	6	1	14	0	0	0	4.27		1.30	16	.0	0		5	4	2
CAMPBELLSVILLE 2 SSW	87.4	62.8	75.1		100	2	48	25	3	13	0	0	0	6.66		1.96	16	.0	0		8	5	3
CECILIA	86.1	63.3	74.7	- 2.1	95	2	53	7	1	11	0	0	0	6.13	2.01	2.76	16	.0	0		7	3	2
GLASGOW WKAY	85.3	63.6	74.5		95	2	52	6	5	10	0	0	0	3.94		1.09	30	.0	0		6	3	1
GREENSBURG	88.2	63.5	75.9	- 1.5	98	3	52	6	2	15	0	0	0	6.99	2.52	2.60	20	.0	0		8	4	2
HODGENVILLE-LINCOLN NP	87.5	63.7	75.6		97	3+	52	6	1	11	0	0	0	6.19		1.91	20	.0	0		5	5	3
IRVINGTON	86.7	62.5	74.6	- 3.1	97	3	50	6	1	14	0	0	0	3.72	.18	1.30	20	.0	0		6	2	2
LEITCHFIELD 2 N	86.8	63.9	75.4	- 2.3	98	2	52	7+	2	14	0	0	0	3.21	- .90	1.03	27	.0	0		6	2	1
LOUISVILLE	89.3	68.3	78.8		101	3	57	21	0	17	0	0	0	4.14		1.33	16	.0	0				1
LOUISVILLE WB AP R	85.9	65.6	75.8	- 1.8	97	2	55	6	0	10	0	0	0	3.33	- .03	.85	30	.0	0		8	3	0
MAMMOTH CAVE PARK	85.7	62.4	74.1		96	2	49	6	4	10	0	0	0	4.85		1.23	16	.0	0		7	5	2
NOLIN RIVER RESERVOIR	86.8	61.8	74.3		97	3	50	6	5	13	0	0	0	2.63		.94	16	.0	0		5	2	0
ROUGH RIVER DAM	87.5	62.5	75.0		98	3	51	6	3	15	0	0	0	3.47		2.35	16	.0	0		5	1	1
SCOTTSVILLE 3 SSW	85.5	65.6	75.6		95	2	54	6	4	11	0	0	0	4.29		1.54	31	.0	0		8	4	1
SUMMER SHADE	84.8	62.9	73.9		94	2	50	6	4	11	0	0	0	7.34		2.10	26	.0	0		9	4	2
WOLF CREEK DAM	87.6	59.7	73.7		96	3	51	7	2	15	0	0	0	3.51		1.85	20	.0	0		4	3	1
DIVISION			75.3	- 2.1										4.48	.33			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	86.5	65.0	75.8	- 1.1	97	2	53	6	3	13	0	0	0	4.01	- 1.15	1.52	3	.0	0		4	4	1
CARROLLTON LOCK 1	86.2	64.5	75.4		98	2	52	21	0	9	0	0	0	2.69	- .91	.90	9	.0	0		6	2	0
COVINGTON WB AIRPORT R	85.9	65.0	75.5	.1	100	2	50	21	4	12	0	0	0	3.47	- .14	2.25	8	.0	0		3	2	1
CYNTHIANA 2	87.3	61.1	74.2		101	3	49	6	7	14	0	0	0	2.94		1.50	9	.0	0		6	2	1
DANVILLE	85.6	63.2	74.4		97	3	53	7+	5	12	0	0	0	4.37	- .24	1.92	27	.0	0		6	3	1
DIX DAM	87.0	64.5	75.8		98	3+	52	6	3	12	0	0	0	3.69		1.23	9	.0	0		6	4	1
FALMOUTH 5 WNW	87.0	60.0	73.5		99	2	45	21	6	14	0	0	0	2.98	- 1.28	1.84	9	.0	0		6	1	1
FARMERS 1 WNW	85.9	62.9	74.4	- 1.3	98	15+	52	6	1	10	0	0	0	5.22	.43	3.24	9	.0	0		6	2	1
FLEMINGSBURG 1 SW	84.2	63.4	73.8		97	2	50	6	4	5	0	0	0	4.31		1.34	9	.0	0		7	4	1
FRANKFORT LOCK 4	87.0	63.3	75.2	- 2.1	98	3	53	7+	2	13	0	0	0	2.05	- 2.45	.72	16	.0	0		5	2	0
LEXINGTON WB AIRPORT R	84.0	64.1	74.1	- 3.3	97	2	52	6	6	8	0	0	0	3.39	- .59	1.50	3	.0	0		5	3	1
MAYSVILLE SEWAGE PLANT	87.1	62.7	74.9	- .9	99	3	50	22+	6	13	0	0	0	4.14	- .33	2.10	9	.0	0		9	2	1
MOUNT STERLING	86.2	64.7	75.5		98	2	53	21+	4	11	0	0	0	3.83	- 1.30	1.57	9	.0	0		7	3	1
OWENTON	84.6	65.2	74.9		94	3	52	21	2	9	0	0	0	2.37				.0	0				
RICHMOND	86.7	63.5	75.1		99	3	52	6	5	12	0	0	0	3.07		.91	16	.0	0		5	3	0
SHELBYVILLE	85.1	62.6	73.9	- 3.0	98	3	52	6	7	10	0	0	0	2.90	- .99	.86	16	.0	0		6	3	0
WARSAW MARKLAND DAM	85.9	61.4	73.7	- 2.8	99	3	47	22	11	14	0	0	0	4.43	.55	1.80	28	.0	0		8	2	2
WAYNESBURG 7 NE	84.5	61.9	73.2		93	2	52	6	7	7	0	0	0	2.35		1.06	16	.0	0		5	2	1
WILLIAMSTOWN 3 NW	85.2	64.8	75.0	- 2.0	98	2	50	21	4	8	0	0	0	3.48	- .54	1.03	8	.0	0		9	3	1
DIVISION			74.6	- 2.1										3.46	- 1.14			.0					
* * * EASTERN 04																							
ASHLAND	85.8	62.3	74.1	- 2.9	96	2	52	22	3	11	0	0	0	4.60	.56	1.25	9	.0	0		9	4	1
BARBOURVILLE	86.7	61.5M	74.1M		94	3	55	18+	0	14	0	0	0	2.32		.92	16	.0	0		5	1	0
BAXTER	86.6	61.1	73.9		94	2	53	7+	1	12	0	0	0	1.38		.30	25	.0	0		7	0	0
BLAINE	87.5	58.9M	73.2M		97	2	50	18+	3	14	0	0	0	2.86		1.25	9	.0	0		5	3	1
CUMBERLAND	86.8	60.2	73.5		94	2	47	17	0	14	0	0	0	3.47		.67	29	.0	0		9	3	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 89

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SEP 29 1970

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
DEWEY DAM	88.0	61.9	75.0		97	3	51	21	1	18	0	0	0	4.44		1.35	3	.0	0		8	3	1
GRAYSON 5 SE	86.6	60.4	73.5		101	3	49	7	5	11	0	0	0	5.48		2.43	9	.0	0		9	3	1
HEIDELBERG LOCK 14 R	87.3	61.8	74.6		97	3+	52	17	1	15	0	0	0	3.67	- 1.47	2.21	4	.0	0		7	1	1
HINDMAN 11 NNE	89.2	59.9	74.6		95	31+	51	17	0	19	0	0	0	2.35		.56	4	.0	0		7	1	0
HYDEN	86.4	60.4	73.4		94	29+	53	22+	1	14	0	0	0	.89		.13	23	.0	0		5	0	0
JACKSON	88.9	62.1	75.5		98	29	54	22+	0	17	0	0	0	2.08		.73	4	.0	0		6	1	0
LONDON FAA AP	85.6	61.5	73.6		94	28	51	6	3	12	0	0	0	1.18		.35	15	.0	0		6	0	0
MANCHESTER 4 SE	87.2	61.4	74.3		94	2	51	17+	2	15	0	0	0	2.41		.86	27	.0	0		8	1	0
MC KEE	84.8	58.7	71.8		94	15+	49	6	13	10	0	0	0	3.49		1.20	30	.0	0		6	3	1
MIDDLESBORO	87.3	60.1	73.7		94	29+	52	6	0	13	0	0	0	1.90		.39	22	.0	0		7	0	0
MONTICELLO	86.4	62.1	74.3		97	27	50	6	5	12	0	0	0	3.60		.73	16	.0	0		8	4	0
MOUNT VERNON	86.9	62.4	74.7		95	2	50	6	4	12	0	0	0	2.25		1.02	16	.0	0		4	2	1
PIKEVILLE	90.6	64.2	77.4		98	15+	55	21+	0	19	0	0	0	4.31	- .88	1.66	2	.0	0		6	3	2
SOMERSET 2 N	86.0	60.5	73.3		95	2	47	6	7	12	0	0	0	2.71		1.05	3	.0	0		4	3	1
STEARNS	85.5	61.5	73.5		92	20+	52	6	4	7	0	0	0	2.36		.62	16	.0	0		6	1	0
TOMAHAWK 1 WSW	86.4	59.9	73.2		95	2	50	11	2	12	0	0	0	6.46		2.41	9	.0	0		8	4	3
VANCEBURG	87.7	61.5	74.6		96	2+	48	21	5	15	0	0	0	4.57	.01	1.74	9	.0	0		9	3	2
WEST LIBERTY	86.5M	59.5M	73.0M		98	3	50	8+	10		0	0	0	2.11		.64	16	.0	0		5	3	0
WILLIAMSBURG 1 E	86.5	60.5	73.5	- 3.7	92	30+	53	17+	1	12	0	0	0					.0	0				
DIVISION			74.0	- 2.4										3.08	- 1.68			.0					

EXTREMES

HIGHEST TEMPERATURE 4 STATIONS	101	DATE	03+
LOWEST TEMPERATURE FALMOUTH 5 WNW	45	DATE	21
GREATEST TOTAL PRECIPITATION SUMMER SHADE	7.34		
LEAST TOTAL PRECIPITATION BARDWELL 4 E	.32		
GREATEST 1 DAY PRECIPITATION FARMERS 1 WNW	3.24	DATE	09

KENTUCKY - JULY 1970

SPECIAL WEATHER SUMMARY

It was the coolest July in several years, but the first July since 1966 with temperatures rising to 100° (several stations early in the month). The 21st and 22d in some sections were two of the cooler July days in more than 80 years; some of the afternoon temperatures on those dates ranged from the middle sixties to the lower seventies. Temperatures dipped to near 50° over much of the Commonwealth on the 6th, near record readings for that date.

Rainfall totals over the State were variable from less than 1/2 inch to more than 7 inches. In some locations in the west it was one of the drier Julies in more than 80 years.

There were a number of storms during the month. In Perry County three persons were slightly injured due to high winds on the 2d. On the 8th in Hardin County, lightning was responsible for one fatality and two injuries. A waterspout was responsible for some local damage on Grayson Reservoir in northeast Kentucky on the 2d.

Allen B. Elam, Jr.
ESSA-Weather Bureau State Climatologist
Room 205, Agricultural Experiment Sta.
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Lexington, Kentucky 40506

Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issue of STORM DATA.

DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	.32			T	T				.10	.06						T	T			.08		.02	T	T	T			.05	T	.01		
BEAVER DAM	.53			.02													.42			.02	.02			.05								
CALHOUN LOCK 2	2.06				.03				.11	T							.30				.42			.16	.12		T	.14	.78			T
COBB	1.56								.18	.18							T				.92			.10	.18							
DAWSON SPRINGS	2.15								.15	T				T	T						1.72	T	.13	T	T				.15			
DUNDEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNMOR	1.40				T				.14								.34				.47			.20				.25				
ELKTON 2 S	2.27				T				.02	.32							.28				.86	.02	.01	.19	.02		.55					
FORDS FERRY DAM 50	2.63				T				.12	.10											.51			.15			.23		1.43	.06		.03
FRANKLIN 1 E	2.66									.23							.36				.93			.68								.46
GILBERTSVILLE 1 SE	-				T				.12	.31										.03	.15	T	T	T	.49			-	-	-	-	-
GOLDEN POND 8 N	1.59										T										.50	.03		.08					.98			
GREENVILLE 2 W	3.41								.13								.43			.09	2.52		.05	.19								
HARTFORD 6 NW	2.62				.02				.03	.59							.33				.14	T		.17	T		.11	.98	.25			
HENDERSON 7 SSW	4.55			.02	T				.13								.20			.54	.14		T	.25			.29	1.60				1.38
HICKMAN 1 E	1.88			.33					.31											.72	.21	.05	T	T				.26	T	T		
HOPKINSVILLE	2.23								.11	.30							.19				.72	.03		.15	.03		.70					
LOVELACEVILLE	.77			.17					.12							.02				.03		.03						.15				.25
MADISONVILLE 1 SE	4.18								.23								.60				1.56			.20	.31		.03		1.25			
MAYFIELD RADIO WNGO	.88				.03				.22											T	.44	T	T							.19		
MURRAY	2.26				.13				.02	T							T			T	1.60	.03	.08	.05	.06				.19	.10		
OWENSBORO 2 W	1.79				.15					.50							.18				.35			.18			.28		.15			
OWENSBORO DAM 46	1.54				.13				.01	.27							.08				.45			.13	T		T	.21	.20			.06
PADUCAH FAA AIRPORT	.52			.02					.11							.02				.09	T	T	T		.05			T	T	T		.23
PADUCAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARADISE STEAM PLANT R	.48								T	.04							.04				.23		T	.17	T		T					
PRINCETON 1 SE	2.02								.29	.33										.05	.51	.02	.02	.05					.75			
ROCHESTER LOCK 3	.84								.02	.08							.18				.22	.02		.17				.15				
RUSSELLVILLE	2.51				.04				T	.03							.50				1.55	.02	T	.30								.07
SEBREE	2.39				.05				.16												.73			.15			.38		.88			.04
UNIONTOWN DAM 49 //	4.48				.42				.16	.04											1.40			.13			.11	T	2.17			.05
* * * CENTRAL 02																																
ADDISON DAM 45 //	2.31				.24					.41							.33				.55			.26	.04		T	.11	.31			.06
ALBANY 4 N	2.79									.10							.49				1.43			.61	.05							.11
ANCHORAGE	4.41			.64						.65							.85				.61			.53	.72		.03		T		.35	.03
BARDSTOWN	3.50			.30						.07							1.07				1.25		.03	.68							.04	.06
BARREN RIVER RESERVOIR	6.10				.18					.23							.31				1.29		T	.85				1.52				1.72
BERNHEIM FOREST	3.16			.48													.41				.66		T	.70		.28	.02				T	.61
BOWLING GREEN	2.27									.82							.05				.25	.05		.60				T				.50
BOWLING GREEN FAA AP	2.31			T					.76							.40				.06	.06	T	.36	.20			.06				.36	.05
BRADFORDSVILLE	4.27				1.10												1.30				.82	.70		.35								
BROWNSVILLE	3.60				.12					.82							1.44				.30	.04	T	.50								.38
BURKESVILLE 2 W	3.68				.32												.75				1.74			.69				.10				.08
CAMPBELLSVILLE 2 SSW	6.66			1.21						.21							1.96				1.32	T	.11	.71	.16		.92					.06
CANEYVILLE	2.43				T					.23							1.18				.42			.40				.13				.07
CECILIA	6.13			.42						.66							2.76			.15	1.43		.15	.42			.09	T	T		.05	T
EDMONTON	5.13			.03													.60				1.77			.83		.45		.33		.30		.82
GAMALIEL 1 S	4.16				.20					.31							.98				.72	.08	T	.77	T	T		.30				.80
GLASGOW	4.27				.10					.48							.48				.95			.86				.04			.08	1.28
GLASGOW WKAY	3.94			.07						.30							.72			T	.90		.35	.39						.03	1.09	.09
GLENDALE 1 E	6.99				.46					.11							2.55				1.67	T		.70				.07				1.43
GREENSBURG	6.99				.37					.44							1.67				2.60	.03	.77	.70	T	.05		.18				.18
GREENSBURG HIWAY 61	5.92				.57					.72							1.32				2.72	.02		.07		.19		.22				.09
HODGENVILLE-LINCOLN NP	6.19			.59						.07							1.82				1.91		T	.70			.04					1.06
IRVINGTON	3.72			.41						.30							1.13				1.30			.41			.14		.01			.02
LEITCHFIELD 2 N	3.21				.07					.18							.63				.45	.01		.39	T			1.03				.45
LIBERTY	3.59				.30					.06							.95				.87		.04	.33		.03		.73				.28
LOUISVILLE	4.14			.68						.64							1.33				.38		*	.60			.04	.05	.02		.26	.14
LOUISVILLE WB AP R	3.33			.19					.48	T						.53				.22	.26		.12	.51			.09	.01			.85	.07
LOUISVILLE UPPER GAGE	6.13				.60					.50							1.80				.80	.05		.58	T			.07	.03			1.70
MAMMOTH CAVE PARK	4.85				.07				T	.54						T	1.23				.91	T	.04	.64			.13			.05	.20	1.04
MILLERSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUNFORDVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.61	.02			.10				T
NOLIN RIVER RESERVOIR	2.63									.24							.94				.60	.06	T	.47								.32
ROUGH RIVER DAM	3.47								T	.10							2.35				.27			.40	.02		T	.25	.08			
SCOTTSVILLE 3 SSW	4.29									.33							.57			.12	.52		.35	.52			.34					1.54
SCOTTSVILLE 2 SW	3.35				.05					.10							.40				.40	T		.70				.60				1.10
SHEPHERDSVILLE	-				-					-							-				1.55			.65								.37
SUMMER SHADE	7.34			.66	.02					.30							.39				1.88	T	.31	.40	.31		2.10				.95	.02
WOLF CREEK DAM	3.51				.16					.06	T						.90				1.85		T	.53	.01	T						
WOODBURY LOCK 4	2.52									1.26							.54				.23	.02		.46	.01					T		
* * * BLUE GRASS 03																																
BEREA COLLEGE	4.01			1.52						.87							.71				.82	T	T	.08	.01		T					
BEREA	4.05				1.65					.80							.73				.80		T	.07				T				
CARROLLTON LOCK 1	2.69				.12					.90							.06				.43			.39				.08	.55			.16
COVINGTON WB AIRPORT R	3.47		T	.03	T				2.25	.02						T				.17	.75		.04	.09			T	.05			T	.07
CYNTHIANA	3.03				.72					1.36	.08						.14				.13	.35		.11				.08	.06			T
CYNTHIANA 2	2.94				.63					1.50	.05						.11				.10	.30		.11				.08	.06			
DANVILLE	4.37				.17					.43							.72				.84	.07		.22				1.92				
DIX DAM	3.69				.22					1.23							.66				.76	.03		.13				.66				
FALMOUTH 5 WNW	2.98			.12	.04					1.84	.09						.28				.21	.13		.11	.03			.06	.03			.04
FARMERS 1 WNW	5.22				.34					3.24							.70				.22	.05	T	.07	T	T	T	.05	T		.40	.15
FLEMINGSBURG	4.18			.04	1.05					1.36	T						.15				.18	.40		.11	.15			.05	T		.05	.64
FLEMINGSBURG 1 SW	4.31			.09	.69				.07	1.34							.14				.75			.15			.02			.05	.42	.59
FORD LOCK 10	3.29				.96		T			.40		.07					.92				.84	T		.10	T	T	T	T			T	T
FRANKFORT LOCK 4	2.05				.26					.50	T			T			.72				.32			.18				.07				
GEORGETOWN WATER WORKS	3.28				1.07					.35							.76				.27			.11				.05				.67
GEST LOCK 3	3.02				.57	.05				.37	.09						.06				.32	.08		.14	T		T	.84				.50
HIGH BRIDGE LOCK 7	4.86				.65					1.13							1.18				1.13	.03		.17	T	.44		.13				
KEENE 1 SSW	3.64				1.22					.42							.62				1.06			.32							T	
LA GRANGE 1 ESE	2.75			.22	.02					.42							.33				.42		T	.72		T	.36				.15	.11
LANCASTER	2.92				.26					.66							.74				1.14			.12								
LEXINGTON WB AIRPORT R	3.39			1.50					.56	T						.30				.13	.74		.08	.03	T		.05				T	
LITTLE HICKMAN LOCK 8	4.76				.31					1.54							.89				1.02	T		.13				.87				
LOCKPORT LOCK 2	2.25				.11					.17	.08						.22				.40			.29	T		T	.44				.54
MAYSVILLE SEWAGE PLANT	4.14			T	.10					2.10	.02						.29				.10	.11		.11		.06		T	.67	.29	T	.29
MIDWAY	3.34				1.38					.60		T					.72				.26			.17		.04						.17
MOUNT STERLING	3.83		.04	.28		T				1.57							.77				.59		T	.09		T	.10		.12		.27	
OWENTON	2.37				*	*	*	*	*	1.60	T						.04				.25	.29		.13				T	.06			
RICHMOND	3.07				.31					.88	.01						.91				.71	T	T	.12	.02			.05			.06	T
SALVISA LOCK 6	4.29				1.16					.50	.03						1.29				.95	.12		.19				.05				
SHELBYVILLE	2.90				.04					.42	.04						.86				.56	.18		.62				.03				.15
SPRINGFIELD	2.19									.12							.96				.52			.48								.11
TAYLORSVILLE	5.05				1.14					.40	.12						1.65				.78			.70				.26				T
TYRONE LOCK 5	2.53				.74					.63	T			T			.46				.49	.02		.15		T		.04				T
VALLEY VIEW LOCK 9	3.72				.67					.48							1.52				.92	.01	T	.12		T		T				T
WARSAW MARKLAND DAM	4.43				.15					1.17	.03						.05				.23	.19		.17	.08			.10	1.80			.46

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.35				.36												1.06				.65			.17	.11							
WILLIAMSTOWN 3 NW	3.48		T	T	.11				1.03	.56	.15						.21			T	.63		T	.10			.01	.23			T	.45
• • •																																
EASTERN 04																																
ASHLAND	4.60		.13	.87	.33					1.25			T				.11				.06		.50	.08	.07	.55	.02	T	.04	.02	.45	.12
BARBOURVILLE	2.32				.46												.92				.05	.24		.30	.32		.03					
BAXTER	1.38				.15					.27	.26						.11				.02	.11	T	.14	.02	.30						
BLAINE	2.86			.55						1.25							.61				.12		.02	.09							.22	
BUCKHORN	2.04				.37					T	T						.15				.20	T	T	.10	.02	T		.30			.90	T
BURDINE 2 NE	-	-	-	-	-	-	-	-	-	.33	.15													.12		.75						.04
CLAY CITY 1 WNW	3.94				.46					.25							2.40				.55			.08							.20	
COLLEGE HILL LOCK 11	2.47				.14					.22							1.36				.67		T	.08			T	T			T	
CUMBERLAND	3.47			.32					.03	.33		T					.18				.08		.09	.27	.03	.29	.03	.57		.67		.58
CUMBERLAND FALLS ST PK	1.17																.18				.53	.10	.15				.08				.13	
DEWEY DAM	4.44			1.35	.50					.75							.33				.35	.03	T	.06	.37	.07				.45	.18	
ELKHORN CITY	3.48			1.99	.08					.05	.37						.02				.08	.02	T	.08	.03	.22	.30				.24	
FISHTRAP RESERVOIR	3.09			1.65	.10					.09	.38						T				.03	.18	T	.04	T	.45					.06	.11
FREEBURN 2 SW	4.03			1.08	.45	.02				.32	.34		.16				.19					.04				.01		.01	.04	.21	.95	.21
FRENCHBURG	4.12				1.65					1.20							.70				.40			.12							.05	
GRAYSON 5 SE	5.48			.59	.78					2.43							.45				.14	.10	.04	.06	.15		T	.03	.02	T	.49	.20
GRAYSON RESERVOIR	6.57			.43	1.57					2.98							.54				.13	.05	.03	.06	.27		T			.02	.30	.19
HAZARD WATER WORKS	3.24				.54					.10	.51						.05				.05	.26	.01	.08	.37						1.27	
HEIDELBERG LOCK 14 R	3.67				2.21					.21							.42				.24	T	T	.07	.10			.14		.09	T	.19
HINDMAN 11 NNE	2.35			.40	.56					.12							.18				.05		.04	.13	.46	.32	.04				.05	
HYDEN	.89				.11					.03	.12						.12				.07	.08	.03	.13	.03			.10			.07	
JACKSON	2.08			.03	.73					.31							.32				.17	.02		.10	T	.34					.06	
JEREMIAH	4.07			.18						.62	.12											T	.12	.09	1.06	1.58	T			.30	T	
LLOYD GREENUP DAM	3.57			.24	.15					1.85	.02						.18				.18	.09	T	.03	.05				.07		.71	
LONDON FAA AP	1.18			.16					T	T						.35	.19				.23	T	.13	.12								
LOUISA 2	5.79		.09	.83	1.30					1.82	.04		T				.48				.12		T	.13	.13	T				.03	.76	.06
MANCHESTER 4 SE	2.41				.22					.37	.20						.19				.28		.04	.15	.10			.86				
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC KEE	3.49				.67					.05							.56				.39	.05	T	.10	T			.47			1.20	
MIDDLESBORO	1.90			.21	.21					.07	T					.04	.26				.03	.05	.39	.27			.06	.11		T		.20
MONTICELLO	3.60				.19					.10	.03						.73				.67	T	.01	.42	.13		.60				.67	.05
MOUNT VERNON	2.25			.71													1.02				.38		.03	.11								
ONEIDA	-				-					-							.20				.27			.13	.06			-			.90	
PAINTSVILLE 1 S	4.53	.46		1.26						1.65							.33				.15			T	.24				.24		.20	
PIKEVILLE	4.31		1.66	1.13	T				T	.09							.19				.06		.03	.25	T	.71				.11		.08
PINEVILLE 4 NW	5.04				.72					.10	.51					.07	.57				.10	.40		.13	.19			2.22				.03
RAVENNA LOCK 12	1.87				.54					.22							.51				.54			.05	.01			T				
SALYERSVILLE 2 SE	2.74				.67					.49							.61	.17						.12		.56				.12		
SOMERSET 2 N	2.71			1.05	.09												.55				.59		.09	.23	.05						.06	
STEARNS	2.36																.62				.38	.39		.37			.28					.32
TILFORD	1.76																								T	T	1.45					.31
TOMAHAWK 1 WSW	6.46		T	1.20	.27					2.41	.26		1.05				.11	.02			.36		T	.08	.61						.09	
VANCEBURG	4.57		T							1.74							.10				.50			.14				.26	.11	.16	1.40	.16
WEST LIBERTY	2.11				.61					.58							.64				.15		T	.13				T			T	T
WILLIAMSBURG 1 E	-			-	-					-							.45				.05	.21		.29	.16		.05	.47				
WILLOW LOCK 13	4.09				2.00					.30							.43				.33		T	.07	.03		.17				.76	

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time EASTERN 01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	25	3.5	7.2	21++	33	20	81	82	54	60	5	6	1	1	0	1	14	-	7.3
LEXINGTON WB AIRPORT	24	2.3	7.4	28++	22	15	83	86	55	61	3	3	2	2	1	0	11	-	5.6
LOUISVILLE WB AIRPORT	23	2.0	7.5	32	NW	30	83	84	56	59	1	3	5	3	0	0	12	63	5.8

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1969 - 197D

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
* * *														
WESTERN D1														
BAROWELL 4 E	SNOWFALL					3.D	12.D	6.2	3.5	5.5				30.2
	1 IN ON GD					2	8	15	2	1				28
8EAVER OAM	SNOWFALL					-	-	11.3	1.D	-				-
	1 IN ON GD					-	-	-	1	1				-
CALHOUN LOCK 2	SNOWFALL					.5	.9	-	6.2	-				-
	1 IN ON GD						-	13	5	-				-
CO8B	SNOWFALL					T	-	6.0	3.5	-				-
	1 IN ON GD						-	-	-	2				-
DAWSON SPRINGS	SNOWFALL					2.0	3.3	-	1.3	-				-
	1 IN ON GD					-	-	-	-	-				-
DUNOEE	SNOWFALL					1.3	5.D	9.5	6.3	-				-
	1 IN ON GD					1	7	19	6	-				-
DUNMOR	SNOWFALL					1.0	-	7.0	2.D	3.D				-
	1 IN ON GD					1	-	1D	2	2				-
ELKTON 2 S	SNOWFALL					.4	8.D	2.6	2.3	.5				13.8
	1 IN ON GD						5	8						13
FORDS FERRY DAM 5D	SNOWFALL					2.0	-	7.9	-	11.5				-
	1 IN ON GD					2	12	21	6	5				46
FRANKLIN 1 E	SNOWFALL					-	-	5.3	-	-				-
	1 IN ON GD					-	-	11	-	-				-
GIL8ERTSVILLE 1 SE	SNOWFALL					-	5.D	4.6	-	3.D				-
	1 IN ON GD					1	4	15	3	1				24
GOLDEN POND 8 N	SNOWFALL					1.3	8.D	-	-	2.D				-
	1 IN ON GD					-	-	-	-	-				-
GREENVILLE 2 W	SNOWFALL					-	-	-	-	6.0				-
	1 IN ON GD					-	5	16	-	-				-
HARTFORD 6 NW	SNOWFALL					-	1.5	7.5	4.D	8.D				-
	1 IN ON GD					-	3	14	6	3				-
HENOERSON 7 SSW	SNOWFALL					4.D	7.3	7.5	8.0	17.5				44.3
	1 IN ON GD					2	1D	13	6	2				33
HICKMAN 1 E	SNOWFALL					5.D	13.8	1D.2	5.4	3.5				37.9
	1 IN ON GD					1	7	14	3					25
HOPKINSVILLE	SNOWFALL					.5	7.D	4.2	1.9	4.D				17.6
	1 IN ON GD					-	4	-	2	2				-
LOVELACEVILLE	SNOWFALL					3.5	8.5	-	-	8.5				-
	1 IN ON GD					-	-	14	-	-				-
MADISONVILLE 1 SE	SNOWFALL					1.D	3.5	4.6	3.5	11.5				24.1
	1 IN ON GD					1	5	13	3	4				26
MAYFIELD RADIO WNGO	SNOWFALL					-	4.9	-	-	4.D				-
	1 IN ON GD						5	16	2	1				24
MURRAY	SNOWFALL					1.5	6.6	4.1	2.6	.8				15.6
	1 IN ON GD					1	4	8	1					14
OWENSBORO 2 W	SNOWFALL					3.D	4.D	7.D	5.D	12.D				31.D
	1 IN ON GD					2	7	11	7	-				-
OWENSBORO DAM 46	SNOWFALL					3.0	3.7	8.1	4.5	10.7				30.D
	1 IN ON GD					1	3	11	6	3				24
PAOUCAH FAA AIRPORT	SNOWFALL					1.0	7.3	5.8	T	7.D				21.1
	1 IN ON GD					1	6	15		2				24
PADUCAH	SNOWFALL					-	5.D	6.3	-	9.D				-
	1 IN ON GD						5	11	2	2				2D
PARADISE STEAM PLANT	SNOWFALL	-	-	-	-	.8	-	9.2	2.5	6.9				-
	1 IN ON GD	-	-	-	-	1	-	12		3				-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
PRINCETON 1 SE	SNOWFALL					2.5	9.5	6.5	3.5	3.0				25.0
	1 IN ON GD						8	16	2					26
ROCHESTER LOCK 3	SNOWFALL					2.0	-	-	-	3.0				-
	1 IN ON GD					2	6	16	5	2				31
RUSSELLVILLE	SNOWFALL					2.3	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
SEBREE	SNOWFALL					3.0	-	6.0	7.0	14.0				-
	1 IN ON GD					1	4	15	8	4				32
UNIONTOWN DAM 49	SNOWFALL					1.5	7.3	5.3	4.0	8.0				26.1
	1 IN ON GD					1	11	19	7	3				41
* * *														
CENTRAL 02														
ADDISON DAM 45	SNOWFALL					T	7.0	9.1	6.8	6.3				29.2
	1 IN ON GD						8	12	5	3				28
ALBANY 4 N	SNOWFALL					4.9	-	8.1	2.7	-				-
	1 IN ON GD					2	5	9	4					20
ANCHORAGE	SNOWFALL					1.3	6.3	7.6	-	9.0				-
	1 IN ON GD					1	-	22	-	1				-
BARDSTOWN NAZARETH COL	SNOWFALL					T	-	-	-	-	T			-
	1 IN ON GD						-	-	-	-				-
BARREN RIVER RESERVOIR	SNOWFALL					1.0	3.6	14.1	4.3	.3				23.3
	1 IN ON GD					1	4	12	4					21
BERNHEIM FOREST	SNOWFALL					.5	-	-	7.0	5.0				-
	1 IN ON GD					1	6	16	8	1				32
BOWLING GREEN	SNOWFALL					1.5	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
BOWLING GREEN FAA AP	SNOWFALL					T	3.7	7.1	4.4	1.0				16.2
	1 IN ON GD						3	14	3	1				21
BRADFORDSVILLE	SNOWFALL					2.0	-	-	-	-				-
	1 IN ON GD					2	-	-	5	-				-
BROWNSVILLE	SNOWFALL					1.0	4.0	12.5	5.0	2.0				24.5
	1 IN ON GD					1	5	14	5	2				27
BURKESVILLE 2 W	SNOWFALL					4.0	5.0	12.2	6.0	-				-
	1 IN ON GD					2	6	12	-	-				-
CAMPBELLSVILLE 2 SSW	SNOWFALL					-	-	11.9	3.0	3.0				-
	1 IN ON GD					-	-	-	-	-				-
CANEYVILLE	SNOWFALL					-	4.5	-	4.0	4.0				-
	1 IN ON GD					-	6	16	5	3				-
CECILIA	SNOWFALL					1.0	7.4	10.9	6.2	5.0	T			30.5
	1 IN ON GD						7	15	3					25
EDMONTON	SNOWFALL					-	-	-	5.5	-				-
	1 IN ON GD					-	-	-	-	-				-
GAMALIEL 1 S	SNOWFALL					2.5	1.5	9.1	4.0	T				17.1
	1 IN ON GD					1	5	11	3					20
GLASGOW	SNOWFALL					3.0	3.0	-	-	-				-
	1 IN ON GD					2	3	16	4	-				-
GLASGOW WKAY	SNOWFALL					2.5	4.5	10.6	3.8	1.6				23.0
	1 IN ON GD					1	4	14	3					22
GLENDALE 1 E	SNOWFALL					-	4.0	9.0	7.1	3.5				-
	1 IN ON GD						4	15	7	2				28
GREENSBURG	SNOWFALL					1.5	3.0	9.0	3.0	3.0				19.5
	1 IN ON GD					1	5	13	5	3				27
GREENSBURG HIWAY 61	SNOWFALL					-	2.0	-	-	T				-
	1 IN ON GD					-	4	-	-					-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
HODGENVILLE-LINCOLN NP	SNOWFALL					.9	-	-	6.0	3.0				-
	1 IN ON GD						8	18	6	1				33
IRVINGTON	SNOWFALL					1.0	-	-	6.5	6.0				-
	1 IN ON GD					-	10	15	-	1				-
LEITCHFIELD 2 N	SNOWFALL					1.5	4.5	10.8	6.0	3.8				26.6
	1 IN ON GD					1	-	-	4	2				-
LIBERTY	SNOWFALL					T	3.0	9.3	7.0	-				-
	1 IN ON GD						3	9	4	-				-
LOUISVILLE	SNOWFALL					-	-	-	8.0	5.0				-
	1 IN ON GD					-	-	9	3	1				-
LOUISVILLE WB AP	SNOWFALL					.7	7.7	7.9	7.4	10.7	T			34.4
	1 IN ON GD					1	9	10	7	3				30
LOUISVILLE UPPER GAGE	SNOWFALL					.5	6.0	4.3	4.2	5.2				20.2
	1 IN ON GD					1	9	10	6	2				28
MAMMOTH CAVE PARK	SNOWFALL					1.3	3.0	12.5	3.5	3.3				23.6
	1 IN ON GD					1	4	14	3					22
MILLERSTOWN	SNOWFALL					.6	5.2	10.9	5.0	4.6				26.3
	1 IN ON GD						6	-	6	3				-
MUNFORDVILLE	SNOWFALL					.8	2.5	12.9	3.5	3.6				23.3
	1 IN ON GD					1	5	18	3	2				29
NOLIN RIVER RESERVOIR	SNOWFALL					2.3	1.5	-	-	3.0				-
	1 IN ON GD					2	3	11	5	3				24
ROUGH RIVER DAM	SNOWFALL					T	3.3	9.0	7.5	4.5				24.3
	1 IN ON GD						-	14	5	3				-
SCOTTSVILLE 3 SSW	SNOWFALL					5.0	5.5	9.5	6.0	-				-
	1 IN ON GD					1	4	13	3	-				-
SCOTTSVILLE 2 SW	SNOWFALL					2.0	4.5	8.5	5.5	.5				21.0
	1 IN ON GD					2	5	13	4					24
SHEPHERDSVILLE	SNOWFALL					-	-	-	8.0	6.0				-
	1 IN ON GD					-	4	-	-	2				-
SUMMER SHADE	SNOWFALL					4.0	5.0	11.5	6.0	T				26.5
	1 IN ON GD					1	4	12	4					21
WOLF CREEK DAM	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
WOODBURY LOCK 4	SNOWFALL					1.0	-	10.1	-	5.0				-
	1 IN ON GD					-	-	12	4	-				-
* * *														
BLUE GRASS 03														
BEREA COLLEGE	SNOWFALL					3.3	8.6	12.7	9.7	4.7				39.0
	1 IN ON GD					2	5	14	4					25
BEREA	SNOWFALL					2.8	6.6	9.7	7.0	2.9				29.0
	1 IN ON GD					3	7	13	5	2				30
CARROLLTON LOCK 1	SNOWFALL					1.5	5.4	7.3	6.5	10.8				31.5
	1 IN ON GD					2	10	16	7	4				39
COVINGTON WB AIRPORT	SNOWFALL					1.1	6.0	6.7	4.3	12.0	T			30.1
	1 IN ON GD						10	18	5	6				39
CYNTHIANA	SNOWFALL					T	6.6	10.0	9.9	6.9				33.4
	1 IN ON GD						8	13	8	2				31
CYNTHIANA 2	SNOWFALL					-	5.5	-	-	-				-
	1 IN ON GD					-	9	16	9	-				-
DANVILLE	SNOWFALL					2.0	5.4	9.3	8.3	3.2				28.2
	1 IN ON GD					3	8	15	7	1				34
DIX DAM	SNOWFALL					1.5	-	-	-	-				-
	1 IN ON GD					2	-	-	-	-				-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
FALMOUTH 5 WNW	SNOWFALL					T	4.5	6.0	6.5	8.0	T			25.0
	1 IN ON GD						10	14	6	2				32
FARMERS 1 WNW	SNOWFALL					2.0	6.2	8.5	8.0	3.0				27.7
	1 IN ON GD					3	6	11	6	1				27
FLEMINGSBURG	SNOWFALL					1.3	3.5	8.3	-	-				-
	1 IN ON GD					2	8	10	9	3				32
FLEMINGSBURG 1 SW	SNOWFALL					1.5	3.1	-	-	4.9				-
	1 IN ON GD					4	8	12	4	2				30
FORD LOCK 10	SNOWFALL					1.1	6.2	-	5.0	1.0				-
	1 IN ON GD					1	3	13	5	-				-
FRANKFORT LOCK 4	SNOWFALL					T	3.8	6.3	9.8	3.0				22.9
	1 IN ON GD						-	-	6	1				-
GEORGETOWN WATER WORKS	SNOWFALL					1.0	4.5	6.4	9.0	4.5				25.4
	1 IN ON GD					-	4	-	-	-				-
GEST LOCK 3	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	9	-	-	3				-
HIGH BRIDGE LOCK 7	SNOWFALL					-	4.7	-	-	-				-
	1 IN ON GD					-	7	13	7	-				-
KEENE 1 SSW	SNOWFALL					2.0	6.0	5.4	-	5.0				-
	1 IN ON GD					2	-	12	-	2				-
LA GRANGE 1 ESE	SNOWFALL					2.0	9.1	13.9	9.1	13.0	T			47.1
	1 IN ON GD					1	10	21	9	4				45
LANCASTER	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					1	-	-	-	-				-
LEXINGTON WB AIRPORT	SNOWFALL					1.4	5.2	8.4	9.9	6.2	T			31.1
	1 IN ON GD						4	12	9	1				26
LITTLE HICKMAN LOCK 8	SNOWFALL					1.0	5.5	-	-	-				-
	1 IN ON GD					1	-	15	-	1				-
LOCKPORT LOCK 2	SNOWFALL					-	-	-	-	4.5				-
	1 IN ON GD						9	17	8	-				-
MAYSVILLE SEWAGE PLANT	SNOWFALL					2.0	4.7	-	5.0	-				-
	1 IN ON GD					-	9	16	8	-				-
MIDWAY	SNOWFALL					T	5.5	4.5	6.5	3.0				19.5
	1 IN ON GD						8	14	8	-				-
MOUNT STERLING	SNOWFALL					2.0	-	-	-	4.9				-
	1 IN ON GD					6	8	18	9	2				43
OWENTON	SNOWFALL	-	-	-	-	-	-	-	-	-				-
	1 IN ON GD	-	-	-	-	-	-	-	-	-				-
OWENTON 2 S	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-
	1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHMOND	SNOWFALL					3.0	4.7	10.1	8.2	3.7				29.7
	1 IN ON GD					5	7	15	8	3				38
SALVISA LOCK 6	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					2	6	16	8	1				33
SHELBYVILLE	SNOWFALL					.5	5.1	5.4	6.1	3.6				20.7
	1 IN ON GD						10	23	7	1				41
SPRINGFIELD	SNOWFALL					T	2.5	8.0	5.5	-				-
	1 IN ON GD						5	14	5	-				-
TAYLORSVILLE	SNOWFALL					-	7.0	6.5	4.5	3.8				-
	1 IN ON GD						7	-	4	2				-
TYRONE LOCK 5	SNOWFALL					.6	4.7	4.5	6.6	3.0				19.4
	1 IN ON GD						2	12	7	1				22
VALLEY VIEW LOCK 9	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					2	4	14	6	2				28
WARSAW MARKLAND DAM	SNOWFALL					-	-	4.6	9.3	12.0				-
	1 IN ON GD					-	9	-	7	2				-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
WAYNESBURG 7 NE	SNOWFALL					-	8.0	8.0	6.5	-				-
	1 IN ON GD					2	4	13	4	-				-
WILLIAMSTOWN 3 NW	SNOWFALL					1.0	5.5	7.2	7.4	12.8	T			33.9
	1 IN ON GD					1	11	23	9	4				48
* * *														
EASTERN 04														
ASHLAND	SNOWFALL					-	-	5.0	-	5.0				-
	1 IN ON GD					3	9	11	-	-				-
BARBOURVILLE	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
BAXTER	SNOWFALL					-	4.5	-	4.0	-				-
	1 IN ON GD					2	4	11	3	1				21
BLAINE	SNOWFALL					3.0	7.5	10.0	-	5.5				-
	1 IN ON GD					-	-	-	-	-				-
BUCKHORN	SNOWFALL					2.0	6.0	7.1	6.5	T	T			21.6
	1 IN ON GD					2	4	8	5					19
BURDINE 2 NE	SNOWFALL					1.5	-	9.0	6.5	-				-
	1 IN ON GD					2	-	13	6	-				-
CLAY CITY 1 WNW	SNOWFALL					-	-	-	8.0	-				-
	1 IN ON GD					-	-	-	7	-				-
COLLEGE HILL LOCK 11	SNOWFALL					1.0	3.0	8.0	8.0	T				20.0
	1 IN ON GD					2	3	11	5					21
CUMBERLAND	SNOWFALL					7.5	10.5	15.0	13.0	6.0	T			52.0
	1 IN ON GD					4	4	11	6	2				27
CUMBERLAND FALLS ST PK	SNOWFALL					-	-	10.5	4.5	-				-
	1 IN ON GD					-	-	-	-	-				-
DEWEY DAM	SNOWFALL					2.0	-	-	11.0	T				-
	1 IN ON GD					-	5	14	6					-
ELKHORN CITY	SNOWFALL	-	-	-	-	-	4.0	-	4.0	1.0				-
	1 IN ON GD	-	-	-	-	-	1	-	-	-				-
FISHTRAP RESERVOIR	SNOWFALL					1.0	5.0	9.0	6.0	T				21.0
	1 IN ON GD					2	4	9	2					17
FREEBURN 2 SW	SNOWFALL					.5	5.0	9.5	5.0	-				-
	1 IN ON GD					1	5	11	4	-				-
FRENCHBURG	SNOWFALL					-	-	-	-	4.1				-
	1 IN ON GD					-	-	-	-	1				-
GRAYSON 5 SE	SNOWFALL					2.5	7.0	8.5	9.0	5.0				32.0
	1 IN ON GD					3	9	13	7	2				34
GRAYSON RESERVOIR	SNOWFALL					1.0	6.5	7.9	4.1	4.0				23.5
	1 IN ON GD					1	10	12	7	2				32
HAZARD WATER WORKS	SNOWFALL					-	-	-	5.0	-				-
	1 IN ON GD					2	-	-	-	-				-
HEIDELBERG LOCK 14	SNOWFALL					-	-	-	5.2	.5				-
	1 IN ON GD					3	8	11	8	1				31
HINDMAN 11 NNE	SNOWFALL					3.5	7.2	9.0	-	2.5				-
	1 IN ON GD					3	4	14	6	1				28
HYDEN	SNOWFALL					1.0	8.0	-	12.0	-				-
	1 IN ON GD					-	4	-	4	-				-
JACKSON	SNOWFALL					3.0	5.3	-	5.1	-				-
	1 IN ON GD					3	-	-	4	-				-
JEREMIAH	SNOWFALL					3.5	6.0	11.9	7.8	.3				29.5
	1 IN ON GD					2	5	12	4					23
LLOYD GREENUP DAM	SNOWFALL					T	6.0	6.0	3.5	5.5				21.0
	1 IN ON GD						10	13	6	4				33

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
LONDON FAA AP	SNOWFALL					3.8	10.8	7.4	7.8	3.8	T			33.6
	1 IN ON GD					3	4	13	4					24
LOUISA 2	SNOWFALL					4.0	6.0	12.1	10.5	1.8				34.4
	1 IN ON GD					-	-	-	5	-				-
MANCHESTER 4 SE	SNOWFALL					4.0	6.5	8.2	4.0	.5				23.2
	1 IN ON GD					3	4	10	5	1				23
MARTIN	SNOWFALL					2.5	6.0	10.0	7.0	T				25.5
	1 IN ON GD					-	5	14	6					-
MC KEE	SNOWFALL					1.0	7.0	8.5	5.5	3.5				25.5
	1 IN ON GD					3	8	16	7	4				38
MIDDLESBORO	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
MONTICELLO	SNOWFALL					4.0	6.5	9.0	2.0	-				-
	1 IN ON GD					-	-	-	-	-				-
MOUNT VERNON	SNOWFALL					4.0	-	11.5	7.5	-				-
	1 IN ON GD					-	-	-	-	-				-
ONEIDA	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
PAINTSVILLE 1 S	SNOWFALL					2.0	5.0	8.5	8.9	T				24.4
	1 IN ON GD					2	5	10	-					-
PIKEVILLE	SNOWFALL					T	3.7	7.1	6.5	T				17.3
	1 IN ON GD						2	11	2					15
PINEVILLE 4 NW	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
RAVENNA LOCK 12	SNOWFALL					.7	3.5	9.3	6.3	.5				20.3
	1 IN ON GD					2	8	14	6					30
SALYERSVILLE 2 SE	SNOWFALL					2.0	-	-	7.0	-				-
	1 IN ON GD					1	-	-	-	-				-
SOMERSET 2 N	SNOWFALL					3.5	-	-	-	.6				-
	1 IN ON GD					-	-	-	5	1				-
STEARNS	SNOWFALL					T	-	-	-	-				-
	1 IN ON GD						-	-	-	-				-
TILFORD	SNOWFALL					.3	-	-	-	-				-
	1 IN ON GD						-	-	-	-				-
TOMAHAWK 1 WSW	SNOWFALL					3.5	7.4	9.4	9.9	T				30.2
	1 IN ON GD					3	8	12	6					29
VANCEBURG	SNOWFALL					-	4.6	8.8	6.1	8.0				-
	1 IN ON GD					-	-	-	-	-				-
WEST LIBERTY	SNOWFALL					2.1	-	-	-	-	T			-
	1 IN ON GD					2	8	15	8	1				34
WILLIAMSBURG 1 E	SNOWFALL					-	5.5	-	-	-				-
	1 IN ON GD					-	3	-	-	-				-
WILLOW LOCK 13	SNOWFALL					.5	5.0	5.4	-	1.0				-
	1 IN ON GD					3	8	11	7	1				30

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	95	98	95	88	76	85	87	85	85	88	90	90	94	95	94	88	91	93	88	84	76	76	80	92	93	92	93	94	96	99	98	89.6
	MIN	65	67	68	64	57	52	55	67	68	58	65	64	62	65	70	64	56	60	67	65	57	53	67	60	64	67	68	67	63	71	69	63.4
BEAVER DAM	MAX	93	97	95	90	78	82	85	85	82	83	86	88	90	94	93	90	85	89	86	77	74	74	79	88	91	90	93	93	93	95	92	87.4
	MIN	65	68	72	67	63	51	54	63	60	60	61	65	62	66	72	64	55	57	66	65	57	57	66	64	66	72	69	67	69	69	72	64.0
FORDS FERRY DAM 50	MAX	92	100	95	79	75	85	86	86	83	85	89	89	94	96	93	87	89	92	84	71	75	75	79	91	89	92	94	93	93	96	97	87.9
	MIN	69	72	75	67	60	56	60	60	62	63	65	67	66	70	75	65	60	63	67	63	59	57	65	66	68	71	67	67	67	72	74	65.7
GILBERTSVILLE 1 SE	MAX	95	97	96	89	82	84	85	85	85	85	89	90	91	95	94	91	90	91	87	79	73	76	80	90	89	93						87.7
	MIN	67	70	72	67	59	52	57	67	60	60	61	65	64	65	72	66	56	60	69	65	59	59	65	65	66	70						63.8
GOLDEN POND 8 N	MAX	89	92	95	93	81	76	83	84	82	83	84	87	88	91	93	90	85	75	89	81	72		72	80	88	89	91	92	91	91	96	86.1
	MIN	70	72	67	71	62	57	62	66	61	64	66	67	68	70	72	68	63	65	68	67	59	59	62	61	69	71	73	71	69	73	74	66.7
GREENVILLE 2 W	MAX	92	95	93	89	77	84	86	85	85	84	86	90	93	93	91	88	88	90	88	77	73	71	80	90	90	90	90	92	91	92	93	87.3
	MIN	65	70	72	69	62	53	57	62	61	59	60	63	62	65	71	65	55	59	65	62	57	58	65	64	66	73	68	68	70	71	73	64.2
HENDERSON 7 SSW	MAX	94	97	91	80	74	85	85	85	84	85	89	90	94	94	91	85	89	90	83	78	74	76	78	90	91	90	91	91	90	93	93	87.1
	MIN	70	73	72	65	63	55	58	66	61	61	64	65	64	70	73	64	58	61	70	64	56	56	65	63	69	72	70	66	71	75	69	65.5
HICKMAN 1 E	MAX	97	101	99	91	80	84	87	84	85	89	92	91	94	94	92	92	93	92	91	89	72	72	76	91	93	92	93	93	95	95		89.6
	MIN	67	68	71	68	60	52	56	68	62	61	64	65	67	69	72	61	64	67	69	67	58	57	59	65	67	65	71	70	67	74		65.0
HOPKINSVILLE	MAX	91	94	98	95	82	77	83	86	86	84	88	89	90	93	95	92	87	87	91	84	74	73	69	82	91	88	91	92	95	95	96	87.7
	MIN	65	68	71	70	62	55	55	57	63	63	63	63	66	66	67	62	58	59	62	65	59	58	60	65	65	70	69	69	70	70	70	64.0
LOVELACEVILLE	MAX	95	98	93	81	77	85	87	85	85	88	90	91	93	94	94	88	91	92	89	84	76	75	82	91	91	92	91	93	94	96	98	89.0
	MIN	65	68	68	65	57	52	55	66	59	58	60	63	63	65	70	65	56	60	64	67	58	55	67	62	65	68	69	67	68	71	70	63.4
MADISONVILLE 1 SE	MAX	93	97	95	90	79	84	84	84	84	86	91	90	92	94	92	90	88	89	88	78	74	74	80	90	92	91	91	92	92	93	93	88.1
	MIN	68	71	76	68	63	54	56	64	62	62	62	65	62	66	73	65	56	60	67	64	58	57	64	63	68	74	70	68	70	75	73	65.3
MAYFIELD RADIO WNGO	MAX	94	96	97	89	80	83	83	85	86	86	91	91	94	93	92	88	90	91	88	84	70	70		88		88	92	93	93	95		88.2
	MIN	61	78	68	67	55	48	58	65	68	69	58	66	60	64	70	64	54	57	69	65	52	52		62		70	66	76	66	72		63.6
MURRAY	MAX	94	98	95	86	76	83	87	84	86	85	89	90	94	95	92	87	89	93	89	87	71	69	82	88	89	91	93	92	92	95	96	88.3
	MIN	70	70	74	70	60	55	58	67	65	61	63	67	65	68	73	69	60	62	71	66	59	58	65	65	68	69	71	70	68	72	74	66.2
OWENSBORO 2 W	MAX	95	99	89	85	75	87	87	87	83	86	89	92	96	96	92	88	90	91	85	77	75	78	80	93	95	96	90	93	92	93		88.5
	MIN	66	70	73	65	62	54	57	64	62	60	64	66	64	67	69	63	57	60	68	67	56	57	63	62	66	72	70	67	70	70		64.4
PADUCAH FAA AIRPORT	MAX	93	98	93	79	75	80	85	85	84	85	87	89	91	93	93	87	91	93	87	71	76	76	84	91	90	91	92	94	94	96	98	87.8
	MIN	69	71	74	63	59	55	57	67	63	61	62	65	66	73	73	65	58	65	71	62	58	57	66	64	67	71	71	68	69	73	73	65.7
PADUCAH	MAX																																
	MIN																																
PRINCETON 1 SE	MAX	94	95	95	89	77	82	85	85	83	84	87	88	91	93	92	90	88	90	88	81	71	72	81	90	90	91	93	92	92	94	94	87.6
	MIN	66	69	71	67	61	52	56	66	61	62	62	66	63	64	73	65	56	60	70	65	57	55	65	64	67	72	65	70	71	73	75	64.8
ROCHESTER LOCK 3	MAX	89	94	96			75	83	85	83	83			88	92	93	91	84			82	71	72	69	82			90	92	93	92	94	85.8
	MIN	64	66	69			52	55	56	61	59			62	63	66	66	55			64	56	56	58	61			67	66	68	69	71	62.2
RUSSELLVILLE	MAX	89	92	95	94	80	74	82	85	83	84	85	87	90	92	92	90	85	88	90	85	72	70	68	82	85	90	92	92	93	93	93	86.2
	MIN	65	68	74	69	61	51	54	59	65	58	60	62	64	61	71	67	55	58	63	64	58	58	61	65	67	69	67	69	69	71	71	63.7
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	95	98	97	84	78	84	86	85	83	83	86	88	92	92	91	88	87	89	89	81	75	75	80	89	90	90	91	92	92	91	89	87.4
	MIN	70	74	69	67	61	56	58	64	60	60	63	62	66	67	74	62	61	61	68	62	54	58	63	64	68	72	70	70	73	70	70	65.1
BARDSTOWN	MAX	94	96	95	89	79	84	87	88	85	83	86	88	95	95	95	93	87	89	89	84	72	74	84	90	93	91	93	93	93	94	89	88.6
	MIN	66	70	68	69	60	52	55	62	58	57	60	59	60	64	74	63	57	58	63	64	54	59	64	63	65	72	67	69	70	68	69	63.2
BARREN RIVER RESERVOIR	MAX	90	94	98	94	83	75	83	87	84	85	85	88	89	93	94	92	85	88	91	89	77	69	70	84	91	92	89	94	95	93	94	87.6
	MIN	63	64	67	70	58	52	53	55	66	58	59	61	64	64	65	66	55	57	58	63	57	59	61	62	67	67	67	67	68	71	67	62.3
BERNHEIM FOREST	MAX	93	97	96	86	78	83	85	87	83	83	86	90	93	94	95	93	89	90	90	80	74	74	83	90	91	92	92	92	94	94	89	88.3
	MIN	67	70	68	68	60	51	55	62	61	57	60	59	61	64	73	62	66	58	63	64	52	56	64	63	65	70	67	68	70	69	69	63.3
BOWLING GREEN FAA AP	MAX	95	98	94	83	76	84	86	85	85	85	89	88	91	94	93	83	85	90	89	73	69	67	83	91	90	89	94	97	95	96	84	87.1
	MIN	67	70	74	66	59	53	57	63	66	62	63	66	66	68	69	63	58	60	65	61	60	60	66	66	69	73	68	69	71	71	70	65.1
BRADFORDSVILLE	MAX	93	94	98	84	81	78	83	86	87	85	85	87	90	92	95	94	85	87	89	87	76	69	73	85	90	93	90	92	94	92	93	87.3
	MIN	63	66	70	68	57	49	57	58	65	55	57	56	56	62	71	64	55	55	68	65	55	61	65	65	67	70	65	66	68	68	68	62.4
CAMPBELLSVILLE 2 SSW	MAX	92	100	92	85	80	81	84	84	83	84	85	89	92	95	92	91	86	88	88	88	68	71	84	89	90	90	92	93	92	93	89	87.4
	MIN	66	71	68	69	60	52	55	61	65	59	60	60	63	66	70	65	58	59	64	63	55	60	64	67	48	54	66	69	71	72	68	62.8
CECILIA	MAX	91	95	94	85	76	80	85	85	82	81	85	88	93	93	92	84	85	87	87	72	72	72	81	89	91	89	91	92	92	92	88	86.1
	MIN	64	67	69	68	61	60	53	61	59	58	60	67	61	64	63	64	58	58	63	64	55	57	64	63	66	72	67	68	70	69	70	63.3
GLASGOW WKAY	MAX	92	95	92	85	73	82	84	83	81	82	84	87	92	93	90	88	84	88	87	74	67	66	82	86	89	88	92	92	91	92	83	85.3
	MIN	65	68	72	70	60	52	55	61	66	58	60	63	64	67	70	65	56	56	61	64	56	60	64	65	67	70	65	67	68	68	68	63.6
GREENSBURG	MAX	92	95	98	93	84	75	85	87	86	84	85	87	93	94	95	92	86	90	91	89	76	70	73	86	88	93	89	93	96	93	95	88.2
	MIN	64	68	69	70	63	52	55	57	64	58	60	61	62	67	72	66	57	59	61	65	57	58	62	66	68	68	67	67	69	69	69	63.5
HODGENVILLE-LINCOLN NP	MAX	92	97	97	86	78	81	85	86	87	83	85	86	93	94	93	92	84	88	89	86	72	71	82	89	89	89	91	93	92	93	89	87.5
	MIN	65	69	69	67	60	52	55	63	64	57	56	60	61	65	71	63	68	58	68	60	55	59	64	64	66	72	69	69	69	69	67	63.7
IRVINGTON	MAX	92	96	97	85	74	82	83	85	85	80	82	87	91	92	93	93	85	87	88	81	72	75	75	89	90	90	91	92	92	92	91	86.7
	MIN	63	66	67	67	61	50	53	61	57	55	60	59	60	63	72	62	56	57	61	64	55	63	64	60	65	72	67	67	69	69	71	62.5
LEITCHFIELD 2 N	MAX	93	98	94	84	74	84	85	85	85	81	87	88	93	94	92	84	86	89	85	71	71	69	78	90	93	90	94	94	93	94	93	86.8
	MIN	65	69	74	69	62	52	52	61	60	58	61	62	61	64	72	66	56	58	66	65	57	59	66	62	67	72	69	69	70	71	67	63.9
LOUISVILLE	MAX	93	100	101	87	79	85	86	87	87	84	85	90	91	95	97	93	85	92	94	85	75	78	78	87	93	92	94	95	95	94	91	89.3
	MIN	76	81	71	69	64	61	62	70	64	61	68	67	69	63	77	67	65	66	72	64	57	61	63	67	71	76	72	74	77	71	72	68.3
LOUISVILLE WB AP	MAX	93	97	86	79	74	81	84	87	80	83	86	89	91	93	91	85	86	89	87	71	76	76	80	88	89	86	92	92	91	92	90	85.9
	MIN	71	75	71	68	62	55	58	64	62	60	65	62	66	68	70	66	61	61	68	59	56	60	66	64	68	73	69	71	73	71	72	65.6
MAMMOTH CAVE PARK	MAX	93	96	94	86	78	81	85	85	81	82	85	88	91	93	91	89	85	89	84	73	68	69	81	88	89	86	91	92	90	91	84	85.7
	MIN	63	68	71	66	59	49	52	59	63	56	60	60	62	64	71	64	54	56	62	63	56	59	65	63	65	70	65	67	68	68	67	62.4

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	91	93	97	89	80	75	83	86	84	83	85	88	89	93	95	91	84	88	90	86	70	72	69	83	90	91	89	94	94	95	95	86.8
	MIN	62	63	69	69	62	50	52	55	63	57	56	62	63	64	66	58	57	58	58	65	54	59	63	62	65	68	65	67	69	68	67	61.8
ROUGH RIVER DAM	MAX	91	93	98	89	80	76	85	86	86	84	84	88	92	95	95	92	87	88	91	87	71	75	73	82	91	93	90	92	94	93	93	87.5
	MIN	64	67	72	66	61	51	54	56	59	57	58	62	63	67	67	62	57	58	61	65	55	56	60	62	64	67	69	68	69	70	72	62.5
SCOTTSVILLE 3 SSW	MAX	91	95	91	85	74	80	84	82	82	80	86	87	91	93	90	85	85	88	88	74	68	66	82	88	90	86	92	92	93	94	89	85.5
	MIN	67	71	73	68	59	54	62	63	66	59	64	67	68	70	70	68	59	61	65	64	57	60	65	69	68	71	68	71	69	70	68	65.6
SUMMER SHADE	MAX	90	94	92	81	77	80	83	81	81	82	84	88	90	91	90	82	85	89	88	76	68	68	83	87	90	85	90	91	90	90	83	84.8
	MIN	63	66	69	70	58	50	55	60	66	57	59	63	62	65	70	63	55	57	60	65	55	60	65	66	65	69	64	68	68	68	68	62.9
WOLF CREEK DAM	MAX	90	94	96	94	84	85	83	86	82	84	84	86	91	92	94	92	85	89	90	92	75	70	72	85	88	92	89	93	94	93	93	87.6
	MIN	61	66	66	67	57	54	51	55	63	54	56	56	57	58	58	64	52	56	56	64	52	58	63	63	62	65	62	64	65	64	62	59.7
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	94	97	94	82	77	81	85	83	82	82	85	88	92	93	92	89	82	88	85	81	69	73	85	90	90	84	92	94	90	91	93	86.5
	MIN	70	74	67	69	58	53	58	62	65	60	64	61	61	68	72	65	57	61	65	64	55	60	65	73	68	71	66	69	71	72	70	65.0
CARROLLTON LOCK 1	MAX	94	98	96	86	75	83	85	85	76	78	82	86	89	92	92	85	86	89	89	80	78	75	80	86	90	88	89	91	91	89	90	86.2
	MIN	70	74	72	67	62	53	55	61	59	58	63	64	66	64	74	64	59	59	67	62	52	57	65	65	68	72	68	69	69	72	71	64.5
COVINGTON WB AIRPORT	MAX	98	100	87	79	74	83	86	85	75	79	81	88	90	93	90	85	87	90	91	70	74	78	84	87	90	85	90	92	93	90	89	85.9
	MIN	73	76	73	64	59	55	56	62	58	58	65	61	66	69	73	64	59	61	69	57	50	59	66	65	69	73	71	69	70	72	72	65.0
CYNTHIANA 2	MAX	91	96	101	89	81	73	85	87	87	78	82	84	88	91	92	91	85	88	90	94	74	74	76	86	94	93	83	92	94	96	90	87.3
	MIN	66	67	70	67	61	49	50	55	62	56	59	58	59	62	63	65	56	55	57	60	51	54	60	64	65	66	66	66	67	67	70	61.1
DANVILLE	MAX	90	93	97	90	81	72	81	85	85	81	81	85	88	92	92	92	83	85	88	88	75	69	71	83	86	91	85	90	92	92	91	85.6
	MIN	66	73	76	69	60	53	53	60	65	59	59	61	62	63	67	62	59	58	58	65	55	55	59	65	67	67	67	67	67	72	70	63.2
DIX DAM	MAX	93	98	98	77	82	81	87	86	84	82	85	85	89	93	92	90	85	88	89	86	68	71	84	88	89	91	90	91	92	92	92	87.0
	MIN	70	73	75	66	60	52	55	63	63	61	64	63	61	66	73	66	58	61	62	65	55	60	63	68	67	60	67	70	71	71	69	64.5
FALMOUTH 5 WNW	MAX	95	99	92	86	77	85	85	86	76	80	82	89	90	91	90	87	88	89	90	81	73	77	84	90	90	83	91	93	94	90	93	87.0
	MIN	66	70	68	63	57	47	50	55	58	54	59	55	60	60	67	59	54	54	61	61	45	53	63	60	63	68	65	64	65	66	69	60.0
FARMERS 1 WNW	MAX	95	98	93	81	73	83	84	82	81	81	83	82	90	92	98	88	87	88	88	80	71	73	86	90	88	84	81	92	91	89	90	85.9
	MIN	68	73	64	69	60	52	55	56	60	56	60	60	61	61	69	67	54	57	59	66	56	60	63	67	67	69	69	69	68	67	69	62.9
FLEMINGSBURG 1 SW	MAX	94	97	87	80	75	79	82	83	76	79	80	83	88	87	90	82	84	86	88	82	70	74	82	89	85	82	89	92	91	86	89	84.2
	MIN	69	73	70	67	59	50	54	60	64	57	64	58	61	63	72	65	56	57	61	63	51	59	64	69	67	70	68	68	69	69	69	63.4
FRANKFORT LOCK 4	MAX	93	95	98	85	79	74	83	85	85	79	82	89	88	92	94	91	86	87	91	89	78	73	77	83	92	93	84	92	94	93	92	87.0
	MIN	67	72	73	68	62	53	53	58	61	59	60	60	61	64	65	66	59	59	61	67	55	55	61	62	66	68	69	69	70	70	70	63.3
LEXINGTON WB AIRPORT	MAX	93	97	85	76	71	79	83	86	76	79	83	85	90	90	89	82	85	87	89	69	68	72	81	87	88	85	89	90	91	90	90	84.0
	MIN	71	72	68	62	57	52	58	64	62	59	63	61	63	68	68	63	60	60	65	59	53	59	64	68	66	71	67	71	72	71	70	64.1
MAYSVILLE SEWAGE PLANT	MAX	95	96	99	87	80	75	84	85	88	86	86	82	89	90	92	91	85	87	95	90	72	75	78	85	90	91	84	92	93	93	86	87.1
	MIN	56	72	72	70	60	55	55	56	60	59	60	63	61	64	65	66	58	59	59	63	50	50	60	65	69	69	69	69	69	71	70	62.7
MOUNT STERLING	MAX	95	98	97	81	78	80	84	84	83	81	83	85	90	90	91	89	85	88	88	84	69	71	82	87	87	86	90	91	92	91	91	86.2
	MIN	71	74	63	69	60	53	57	60	65	60	66	62	64	62	71	66	59	61	63	64	53	60	64	71	67	71	67	71	71	72	69	64.7
OWENTON	MAX	91	92	94	84	77	77	83	84	82	74	79	81	87	90	90	87	82	86	89	89	75	74	78	80	87	90	81	90	92	91	87	84.6
	MIN	69	74	75	65	60	57	59	65	60	59	60	63	64	69	70	64	64	65	66	67	52	54	59	65	67	71	70	71	74	72	71	65.2
RICHMOND	MAX	92	94	99	93	82	71	83	87	88	81	82	86	87	92	94	93	82	85	89	88	79	69	71	84	89	90	86	92	94	92	94	86.7
	MIN	67	71	75	68	53	52	56	62	64	59	62	61	63	65	70	66	57	60	61	64	54	56	60	66	67	70	66	67	69	70	68	63.5
SHELBYVILLE	MAX	91	93	98	85	79	74	82	83	85	78	82	85	87	91	93	90	82	85	88	87	69	73	74	81	89	90	84	90	91	90	89	85.1
	MIN	65	69	72	65	61	52	53	57	60	59	59	62	62	66	66	62	59	59	60	66	53	54	59	64	64	67	69	69	69	69	70	62.6
WARSAW MARKLAND DAM	MAX	93	95	99	86	80	73	84	86	85	75	80	82	90	90	92	90	85	87	90	90	70	75	77	84	89	91	85	90	91	90	90	85.9
	MIN	64	64	72	67	60	53	51	52	59	58	57	60	62	61	63	64	60	58	58	65	49	47	59	65	63	67	72	67	67	69	69	61.4
WAYNESBURG 7 NE	MAX	90	93	89	80	73	85	82	82	80	81	83	86	90	92	89	85	80	88	87	79	67	70	81	87	89	85	90	90	90	88	89	84.5
	MIN	61	68	67	68	53	52	55	60	65	56	59	61	62	64	68	64	55	56	62	62	54	57	63	67	63	69	65	64	66	68	66	61.9
WILLIAMSTOWN 3 NW	MAX	92	98	94	82	74	83	83	83	75	79	82	85	88	90	89	85	85	88	88	77	72	75	83	89	89	83	90	91	90	88	90	85.2
	MIN	72	74	72	64	59	53	60	63	59	58	64	62	67	68	73	62	61	63	67	62	50	58	63	65	67	71	69	71	72	71	69	64.8
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	92	96	95	90	80	71	80	84	86	79	80	81	86	89	90	91	82	86	88	87	78	76	75	89	90	86	89	92	93	90	90	85.8
	MIN	61	69	70	66	58	55	54	58	59	58	58	60	62	63	66	65	56	57	59	62	56	52	61	66	67	69	68	70	69	67	70	62.3
BARBOURVILLE	MAX	90	92	94	93	84	74	81	85	82	81	84	83	86	91	92	93	83	87	90	92	82	74	73	85	89	89	90	92	93	92	93	86.7
	MIN	59	67	70	63	56	55	55	55	58	60		60	61	61	65	66	55	55	57	58	58	58	61	67	66	67	66	65	68	68	66	61.5
BAXTER	MAX	89	94	93	92	84	75	80	85	82	80	81	83	87	91	91	90	83	88	91	90	84	76	78	85	88	87	89	93	93	91	92	86.6
	MIN	68	68	70	65	55	53	53	54	57	61	59	60	60	60	63	65	54	54	56	56	57	58	60	65	66	67	66	66	66	64	67	61.1
BLAINE	MAX	93	97	95	91	84	75	82	86	87	81	82	83	88	91	92	92	83	88	89	87	83	75	76	90	92	91	88	94	95	94	90	87.5
	MIN	58	65	66		55	53	50	50	55	59	58	59	59	59	59	65	53	50	54	56	51	51	57	64	67	67	65	67	66	65	65	58.9
CUMBERLAND	MAX	93	94	93	85	75	79	87	83	80	80	82	85	93	82	93	83	90	87	93	84	75	79	90	90	89	89	93	93	91	90	91	86.8
	MIN	64	67	63	62	56	51	51	53	63	57	56	61	57	62	63	64	47	52	53	66	57	58	64	66	65	66	63	66	63	65	66	60.2
DEWEY DAM	MAX	92	90	97	92	84	82	82	81	82	80	82	83	87	92	93	95	84	92	90	92	82	75	75	90	92	93	90	95	96	93	94	88.0
	MIN	58	70	68	68	58	58	55	56	60	62	60	60	62	62	64	66	56	56	58	59	51	52	60	64	69	69	70	70	68	65	66	61.9
GRAYSON 5 SE	MAX	96	100	101	90	82	73	82	85	85	81	80	83	86	90	91	91	83	87	88	85	77	70	74	89	89	87	89	93	94	93	90	86.6
	MIN	58	70	68	66	58	53	49	55	59	57	59	59	60	60	62	65	53	54	56	58	52	53	60	61	66	67	67	68	66	65	67	60.4
HEIDELBERG LOCK 14	MAX	93	97	97	81	83	79	84	84	83	82	83	87	91	92	92	93	85	88	90	86	73	72	84	90	91	88	91	92	91	92	92	87.3
	MIN	64	68	67	68	57	53	53	56	65	60	61	59	58	61	65	66	52	55	57	65	54	59	65	66	68	67	65	65	65	66	67	61.8
HINDMAN 11 NNE	MAX	90	94	95	90	90	88	94	86	85	81	83	84	85	92	92	94	84	89	92	94	84	85	76	90	91	90	90	92	94	95	95	89.2
	MIN	56	67	68	55	60	53	52	53	54	58	58	61	60	61	62	66	51	52	55	62	54	55	60	64	66	68	67	65	65	64	64	59.9
HYDEN	MAX	89	92	93	94	84	75	78	84	85	79	81	84	85	90	91	91	81	85	88	91	82	74	75	85	90	91	91	91	94	92	93	86.4
	MIN	56	67	68	65	56	56	55	55	57	60	59	59	61	61	63	63	55	53	53	56	55	53	59	65	66	64	68	67	66	66	66	60.4
JACKSON	MAX	94	96	97	93	85	74	85	88	85	84	84	85	89	95	95	94	87	90	91	91	80	75	72	89	93	92	93	95	98	92	95	88.9
	MIN	59	68	70	68	58	57	56	56	60	60	60	62	61	61	65	68	55	56	58	60	54	54	61	65	68	68	68	68	67	67	67	62.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Continued

Station		Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	91	93	92	81	70	78	83	82	82	82	83	86	90	92	92	82	85	88	92	78	71	71	84	89	90	87	89	94	92	92	92	85.6
	MIN	65	67	71	61	57	51	54	59	61	56	59	59	60	66	68	59	53	57	59	59	55	60	66	66	66	66	62	64	67	67	65	61.5
MANCHESTER 4 SE	MAX	92	94	93	84	79	79	85	84	80	82	83	85	92	93	93	91	87	90	93	90	74	72	85	89	90	89	89	92	91	90	92	87.2
	MIN	67	69	69	69	57	53	52	51	66	57	56	60	59	62	65	65	51	52	54	66	52	59	64	66	65	69	67	66	65	66	65	61.4
MC KEE	MAX	90	92	94	91	80	69	78	83	82	80	80	82	86	92	94	92	82	86	89	87	75	69	68	84	90	87	85	90	93	89	89	84.8
	MIN	58	65	66	68	55	49	50	52	57	57	58	56	55	57	62	65	50	51	55	57	51	54	60	64	64	65	62	62	64	65	65	58.7
MIDDLESBORO	MAX	89	93	94	93	84	77	80	86	83	82	83	84	88	92	92	92	83	87	91	93	86	78	77	85	90	88	89	90	94	92	92	87.3
	MIN	58	68	68	63	56	52	53	54	55	58	57	59	60	61	64	64	53	53	53	56	58	59	61	65	65	65	64	64	66	67	65	60.1
MONTICELLO	MAX	92	95	92	83	77	81	85	82	81	82	83	84	90	91	91	88	86	89	92	85	69	68	84	89	91	88	97	93	90	91	89	86.4
	MIN	64	67	70	72	55	50	52	60	56	57	58	59	59	65	68	66	52	56	59	64	54	58	65	68	66	67	65	66	69	69	68	62.1
MOUNT VERNON	MAX	91	95	94	82	80	80	83	84	81	81	84	88	93	93	93	91	85	89	88	89	69	71	84	89	89	88	91	93	92	93	92	86.9
	MIN	66	70	67	70	56	50	52	59	67	57	61	58	59	64	71	65	54	57	60	64	53	59	65	67	66	68	64	65	62	70	68	62.4
PIKEVILLE	MAX	98	93	94	88	79	82	89	88	82	89	83	87	95	95	98	91	91	94	95	87	79	79	91	93	93	95	96	97	97	95	97	90.6
	MIN	68	71	67	66	58	56	57	60	66	63	61	65	64	64	68	66	55	57	60	70	55	60	64	69	67	69	70	67	68	67	71	64.2
SOMERSET 2 N	MAX	93	95	92	81	77	79	83	81	82	83	84	87	89	92	90	88	84	87	92	86	68	69	81	88	90	86	91	93	94	91	91	86.0
	MIN	60	60	68	68	59	47	50	57	65	55	59	60	58	63	67	65	53	57	58	61	54	58	58	64	60	67	62	61	66	69	67	60.5
STEARNS	MAX	84	89	92	90	85	77	86	84	88	85	87	89	85	92	92	88	85	85	88	92	72	69	69	82	88	88	83	89	87	90	90	85.5
	MIN	62	62	72	71	54	52	58	56	59	60	58	61	58	62	66	61	57	57	60	64	55	57	59	65	66	67	63	69	69	61	67	61.5
TOMAHAWK 1 WSW	MAX	92	95	92	90	83	73	80	85	85	79	81	83	86	90	91	92	83	87	89	89	82	74	74	88	90	89	88	92	92	91	92	86.4
	MIN	57	65	67	66	55	54	52	52	56	61	50	61	60	62	63	61	52	52	56	67	51	53	61	63	67	67	70	68	63	63	63	59.9
VANCEBURG	MAX	96	96	92	90	82	83	85	85	90	82	88	86	90	91	91	90	87	93	89	83	72	77	87	89	90	88	92	94	91	81	90	87.7
	MIN	68	71	66	67	55	54	50	50	64	55	60	59	59	60	67	67	53	55	58	66	48	58	64	64	67	68	65	66	67	68	68	61.5
WEST LIBERTY	MAX	92	95	98	91	82	70	81	85	85	80	81	84	89	93	92	93	84				75	72	73	87	91	90	88	92	94	91	93	86.5
	MIN	58	64	65	65	54	52	50	50	56	58	58	59	60	60	63	63	54				51	51	56	63	64	64	67	67	65	64	64	59.5
WILLIAMSBURG 1 E	MAX	88	91	92	91	82	79	85	81	82	83	83	86	87	88	92	90	85	90	91	89	72	72	84	88	87	87	90	92	90	92	91	86.5
	MIN	59	58	60	63	55	53	53	56	67	53	54	60	59	60	59	66	53	55	60	65	57	55	64	66	65	64	65	68	69	69	67	60.5

EVAPORATION AND WIND

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.35	.26	.32	.30	.35	.16	.22	.30	.22	.30	.26	.22	.33	.31	.31	.47	.31	.26	.27	.38	.13	.19	-	.15	.11	.29	.29	.42	.31	.32	.32	8.718
	WIND	37	33	36	66	26	14	17	39	61	31	20	17	30	23	59	102	3	16	28	48	13	56	51	11	15	13	20	35	31	58	61	1070
	MAX	98	96	98	97	94	80	93	92	88	91	93	95	96	99	97	93	96	99	95	86	82	84	79	82	97	101	98	98	98	97	97	93.2
	MIN	67	73	76	69	65	61	61	66	67	67	66	70	70	69	71	71	66	65	67	66	52	58	59	65	69	73	75	72	72	75	68	67.5
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.30	.21	.26	.36	.32	.28	.33	.30	*	.34	.33	.23	.25	.28	.32	.46	.32	.33	.32	.28	.00	.13	.02	.29	.06	.25	.19	.25	.26	.32	.23	7.82
	WIND	41	32	35	36	53	30	25	32	64	34	34	41	1	29	52	75	21	20	32	49	35	23	28	31	16	14	18	28	22	39	56	1046
WOLF CREEK DAM	EVAP	.18	.15	.14	.15	.34	.15	.21	.23	.11	.15	.17	.13	.23	.19	.24	.28	.21	.28	.22	.22	.10	.06	*	.08	.13	.25	.10	.19	.21	.21	.19	5.50
	WIND	11	10	12	22	25	*	27	13	29	14	14	14	14	10	21	32	13	10	10	28	18	16	8	11	9	12	6	5	5	6	16	441
	MAX	100	98	98	98	88	100	92	92	82	88	88	88	97	94	97	95	92	96	97	97	75	72	70	86	92	102	89	73	102	102	99	91.6
	MIN	67	67	72	69	68	58	58	63	65	62	62	65	65	65	68	69	63	66	66	64	59	59	62	67	70	72	69	69	72	64	69	65.6
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.30	.38	.38	.36	.40	-	.26	.24	.35	.28	*	*	.67	.30	.29	.36	.24	*	.94	-	.13	.17	.03	.13	.10	*	.36	.30	.17	.29	.29	8.258
	WIND	-	-	-	-	-	-	-	-	-	-	*	*	78	15	28	49	19	3	25	22	40	79	101	15	7	*	23	7	11	23	23	-
	MAX	99	98	99	85	84	88	89	93	89	88	-	-	94	99	96	93	95	-	99	96	76	70	74	90	-	-	96	100	98	98	99	91.7
	MIN	70	76	75	70	74	58	61	65	67	67	-	-	67	69	73	67	67	-	67	65	57	56	59	65	-	-	72	72	77	76	73	67.9
* * * EASTERN 04																																	
BUCKHORN	EVAP	.22	.21	.15	.26	.30	.13	.19	.19	.13	.11	.21	.15	.22	.26	.25	.27	.22	.25	.23	.25	.13	.12	.00	.15	*	.34	.12	.16	.31	.17	.19	5.89
	WIND	19	13	21	26	41	21	12	16	47	25	25	20	17	8	31	60	26	14	13	33	38	24	11	19	18	11	14	10	12	13	20	678
	MAX	98	102	100	97	91	80	92	93	84	85	90	86	95	99	95	95	91	96	97	93	82	80	75	94	92	95	95	98	102	91	96	92.2
	MIN	68	75	75	72	64	62	62	64	66	65	65	65	68	69	71	70	64	63	64	64	58	58	62	66	72	73	73	73	74	72	72	67.4
DEWEY DAM	EVAP	-	.19	-	-	.12	.08	.08	.25	.06	.03	.13	.10	.13	.18	.16	.21	.17	.08	.31	.11	.16	.12	*	.05	.14	.17	.08	.16	.09	.10	.06	3.908
	WIND	14	10	14	6	12	5	15	7	14	4	9	5	11	7	6	21	15	8	8	7	18	15	8	4	5	6	3	6	7	4	3	277

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1969 - 1970

KENTUCKY

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
WESTERN 01														
BARDWELL 4 E	0	0	25	247	615	934	1127	806	655	190	35	0	4634	
BEAVER DAM	0	0	44	255	636	986	1142	815	638	176	50	0	4742	
FORDS FERRY DAM 50	0	0	18	252	649	964	1174	846	698	192	44	0	4837	
GILBERTSVILLE 1 SE	0	0	15	225	569	909	1069	769	607	131	27	0	4321	
GOLDEN POND 8 N	0	0		241	575	917	1122	834	631	179	43	1		
GREENVILLE 2 W	0	0	31	237	605	959	1106	794	639	181	56	0	4608	4124
HENDERSON 7 SSW	0	0	30	240	609	988	1158	842	668	177	41	0	4753	4205
HICKMAN 1 E	0	0	25	220	552	890	1054	764	581	139	27	0	4252	
HOPKINSVILLE	0	0	14	250	613	945	1154	831	646	211	54	3	4721	4022
LOVELACEVILLE	0	0	19	234	595	925	1116	807	660	176	40	0	4572	3933
MADISONVILLE 1 SE	0	0	22	230	590	956	1113	804	641	170	39	0	4565	
MAYFIELD RADIO WNGO	0	0	28	250	591	911	1128	793	606	170	33	0	4510	
MURRAY	0	0	25	246	601	913	1138	816	637	177	42	0	4595	3806
OWENSBORO 2 W	0	0	24	228	616	958	1159	842	652	196	45	0	4720	4288
PADUCAH FAA AIRPORT	0	0	18	257	613	936	1161	831	691	193	44	1	4745	
PADUCAH	0	0	12	211	574	908	1085	778	650	148				
PRINCETON 1 SE	0	0	19	228	576	940	1089	792	648	158	44	1	4495	
ROCHESTER LOCK 3	0	0	47	303	647	1009	1191	887	668			1		
RUSSELLVILLE	0	0	42	278	636	973	1147	841	652	198	69	2	4838	4162
* * *														
CENTRAL 02														
ANCHORAGE	0	0	56	232	652	995	1123	861	694	196	49	0	4858	4729
BARDSTOWN NAZARETH COL	0	0	40	253	645	1006	1142	843	673	194	62	0	4858	
BARREN RIVER RESERVOIR	0	0	42	257	633	984	1168	881	666	234	86	4	4955	
BERNHEIM FOREST	0	0	45	267	659	1021	1164	849	665	208	57	0	4935	
BOWLING GREEN FAA AP	0	0	29	252	637	961	1133	839	645	195	58	2	4751	3962
BRADFORDSVILLE	0	0	55	268	621	974	1173	850	653	233	94	3	4924	
CAMPBELLSVILLE 2 SSW	0	0	35	230	619	968	1117	805	602	194	60	3	4633	
CECILIA	0	0	45	265	667	1010	1166	861	674	195	61	0	4944	4550
GLASGOW WKAY	0	0	39	244	636	985	1139	827	636	187	61	0	4754	
GREENSBURG	0	0	36	277	639	977	1166	879	662	234	78	1	4949	4260
HODGENVILLE-LINCOLN NP	0	0	37	236	619	987	1134	831	634	187	57	1	4723	
IRVINGTON	0	0	56	261	653	1014	1163	849	685	213	73	5	4972	4272
LEITCHFIELD 2 N	0	0	49	252	642	999	1163	859	671	198	57	1	4891	4172
LOUISVILLE	0	0	17	196	587	913	1072	824	629	145	31	0	4414	
LOUISVILLE WB AP	0	0	42	282	645	971	1141	875	697	200	70	0	4923	4660
MAMMOTH CAVE PARK	0	0	44	245	630	1002	1130	822	644	202	71	0	4790	
NOLIN RIVER RESERVOIR	0	0	38	263	650	992	1200	896	702	257	81	2	5081	
ROUGH RIVER DAM	0	1	50	282	660	1026	1242	923	719	226	78	3	5210	
SCOTTSVILLE 3 SSW	0	0	23	220	578	937	1094	768	587	150	50	2	4409	
SUMMER SHADE	0	0	52	260	625	980	1132	814	619	183	55	0	4720	
WOLF CREEK DAM	0	0	45	258	632	936	1129	848	646	248	86	4	4832	
* * *														
BLUE GRASS 03														
BEREA COLLEGE	0	0	35	224	624	958	1111	817	635	186	53	1	4644	4143
CARROLLTON LOCK 1	0	0	53	266	658	997	1155	865	710	218	69	1	4992	
COVINGTON WB AIRPORT	0	0	66	309	737	1058	1265	954	797	264	91	2	5543	5265
CYNTHIANA 2	0	0					1282	952	779	292	104	5		
DANVILLE	0	2	48	286	662	1026	1190	903	727	263	91	2	5200	
DIX DAM	0	0	32	231	643	970	1140	862	660	208	65	2	4813	
FALMOUTH 5 WNW	0	0	99	318	767	1096	1224	940	796	302	97	7	5646	
FARMERS 1 WNW	0	0	50	287	699	1003	1155	843	679	237	73	2	5028	4487
FLEMINGSBURG 1 SW	0	0	77	275	724	1044	1216	901	744	248	86	4	5319	
FRANKFORT LOCK 4	0	2	47	306	696	1014	1214	915	747	302	95	1	5339	4508
LEXINGTON WB AIRPORT	0	0	44	274	657	996	1209	908	750	251	84	1	5174	4683
MAYSVILLE SEWAGE PLANT	0	0	48	296	708	1047	1256	938	796	310	109	0	5508	4749
MOUNT STERLING	0	0	47	230	655	1002	1152	847	676	209	68	0	4886	
OWENTON									768	280	97	3		
OWENTON 2 S														
RICHMOND	0	2	51	285	687	1007	1200	897	704	243	91	5	5172	
SHELBYVILLE	0	0	65	321	721	1046	1260	960	783	294	106	4	5560	4546
WARSAW MARKLAND DAM	0	0	59	322	735	1068	1294	970	813	305	112	7	5685	4728
WAYNESBURG 7 NE	0	0	53	259	657	992	1137	845	655	204	74	2	4878	
WILLIAMSTOWN 3 NW	0	0	58	267	683	1041	1179	897	763	248	70	0	5206	4689

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued

SEASON OF 1969 - 1970

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *															
EASTERN	04														
ASHLAND		0	0	67	322	717	1065	1221	911	773	309	118	10	5513	4226
BARBOURVILLE		0	0	51	302	700	963	1162	861	663	250	94	3	5049	
BAXTER		0	0	45	324	717	1003	1184	861	681	278	93	4	5190	
BLAINE		0	0	77	349	756	1106	1276	935	792	348	122	14	5775	
CUMBERLAND		0	0	46	279	710	931	1119	783	619	253	76	3	4819	
DEWEY DAM		0	0	66	339	718	1027	1213	908	722	272	84	4	5353	
GRAYSON 5 SE		0	1	93	363	746	1081	1249	938	799	327	121	14	5732	
HEIDELBERG LOCK 14		0	0	61	247	654	963	1099	814	613	222	72	5	4750	
HINDMAN 11 NNE		0	0	70	297	714	1015	1193	870	675	276	105	8	5223	
HYDEN		0	0	51	314	750	1012	1200	881	687	293	103	5	5296	
JACKSON		0	0	46	303	699	977	1149	866	648	255	74	0	5017	
LONDON FAA AP		0	0	81	333	737	998	1182	835	654	233	80	4	5137	
MANCHESTER 4 SE		0	0	45	256	662	937	1101	790	603	225	73	3	4695	
MC KEE		0	1	90	380	773	1064	1252	931	752	319	120	20	5702	
MIDDLESBORO		0	0	57	303	696	981	1164	839	654	276	99	6	5075	
MONTICELLO		0	0	39	231	610	945	1090	774	592	199	60	1	4541	
MOUNT VERNON		0	0	47	239	655	971	1108	816	621	182	62	3	4704	
PIKEVILLE		0	0	10	226	592	892	1012	724	547	176	42	0	4221	
SOMERSET 2 N		0	0	79	278	686	998	1157	864	674	219	70	4	5029	
STEARNS		0	0	71	329	689	1009	1173	885	667	221	74	0	5118	
TOMAHAWK 1 WSW		0	0	111	418	784	1047	1251	914	753	359	100	7	5744	
VANCEBURG		0	0	98	295	731	1043	1170	841	731	240	91	1	5241	
WEST LIBERTY		0	0	81	355	745	1060	1262	927	758	316	100	7	5611	
WILLIAMSBURG 1 E		0	0	26	206	582	910	1040	730	556	240	54	3	4347	3893

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN																																		
	4	MAX	85	85	85	88	85	81	84	83	83	83	83	85	87	86	87	85	85	85	84	83	86	74	74	80	81	82	82	84	85	85	85	83.5
		MIN	78	78	78	78	70	73	75	77	76	76	76	76	79	80	82	79	71	77	79	76	73	73	72	74	77	80	78	80	81	81	81	76.9
	20	5PM	75	75	75	76	76	75	75	74	74	74	75	75	75	76	77	77	76	76	76	76	74	73	72	73	73	74	75	75	76	77	77	75.1
BEREA COLLEGE																																		
	4	MAX	79	80	80	78	78	74	74	74	74	75	75	75	77	78	78	77	77	76	76	75	73	71	72	75	77	77	79	80	80	80	80	76.6
		MIN	75	77	77	76	74	71	72	72	72	72	73	73	74	75	75	75	74	74	75	73	71	70	71	72	75	77	75	77	78	79	78	74.3
	20	5PM	73	74	75	75	75	75	74	74	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	82	84	78	82	80	80	78	79	78	78	78	80	81	82	82	81	81	82	83	82	75	71	74	80	80	81	81	83	84	84	83	80.2
		MIN	75	76	74	77	74	71	72	73	74	72	73	73	73	75	77	75	74	79	74	74	70	70	70	73	75	75	75	78	79	78	78	74.4
	20	6PM	72	73	72	75	74	72	72	72	72	72	73	73	73	74	73	73	73	74	74	73	73	72	71	71	72	74	74	74	75	75	75	73.1
CUMBERLAND GAP PARK																																		
	4	MAX	81	82	82	82	81	78	78	78	76	77	76	79	80	81	82	81	80	80	82	82	78	76	75	80	80	78	81	82	80	81	82	79.7
		MIN	74	76	77	76	73	71	72	74	74	72	72	72	73	76	76	75	72	72	73	76	73	73	72	74	74	76	74	76	76	76	76	74.1
	20	5PM	72	74	74	75	73	73	73	74	73	73	73	73	73	73	74	75	74	74	73	74	73	73	74	73	75	74	73	74	75	75	75	73.7
FLEMINGSBURG 1 SW																																		
	4	MAX	80	79	80	77	76	74	75	75	72	72	74	71	77	76	77	75	76	75	75	73	70	70	72	75	75	76	75	76	76	76	76	75.0
		MIN	74	75	75	73	71	68	70	70	70	69	71	65	71	73	74	72	70	70	71	70	67	68	69	72	73	74	73	73	74	74	74	71.4
	20	6PM	68	69	70	70	70	69	68	68	68	68	68	68	68	69	70	70	70	69	69	69	69	68	68	68	69	69	69	70	70	70	70	69.0
GLASGOW WKAY																																		
	4	MAX	81	81	82	81	80	78	78	77	79	79	78	80	82	82	82	81	81	80	79	79	75	72	74	77	80	80	80	81	82	82	81	79.5
		MIN	75	76	77	77	75	72	72	73	73	73	73	74	74	76	77	75	74	74	75	74	71	71	71	72	74	74	75	76	77	77	76	74.3
	20	6PM	72	73	73	73	73	73	73	72	72	73	73	73	73	74	74	74	74	74	74	73	72	72	71	72	73	73	73	74	74	74	74	73.1
GREENVILLE 2 W																																		
	4	MAX	84	87	87	88	83	81	82	82	81	82	81	84	80	85	84	85	78	83	84	87	74	74	74	81	82	83	84	85	85	86	85	82.6
		MIN	78	80	82	81	78	74	76	76	75	76	76	76	77	79	79	77	76	77	78	74	72	72	72	74	77	78	80	79	80	80	81	77.1
	20	5PM	73	74	75	75	75	74	74	74	74	74	74	74	74	74	74	75	75	74	75	74	73	72	72	72	73	73	74	75	75	75	74	74.0
HENDERSON 7 SSW																																		
	4	MAX	82	83	83	84	82	79	79	79	80	79	80	81	82	82	83	81	83	82	82	79	79	73	74	79	81	81	81	82	82	82	83	80.7
		MIN	78	79	80	80	79	74	75	76	77	76	77	78	79	79	81	79	79	79	79	79	70	70	72	73	77	79	79	79	80	80	79	77.5
	20	6PM	73	73	74	74	74	73	73	73	73	73	73	73	73	74	74	74	74	74	74	74	73	72	71	71	72	73	74	75	75	75	75	73.4
IRVINGTON																																		
	4	MAX	80	82	83	79	79	77	77	77	77	77	77	79	79	80	80	79	80	80	80	77	75	73	71	76	78	79	80	82	83	81	82	78.7
		MIN	74	76	78	76	74	70	70	73	73	71	73	73	73	74	76	75	73	73	75	74	71	69	71	70	74	77	76	77	78	77	77	73.9
	20	4PM	69	70	71	71	71	70	69	70	70	71	70	70	70	71	70	71	71	70	70	70	70	69	69	69	69	70	71	71	72	72	72	70.3
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	100	103	95	86	79	86	96	89	86	86	89	98	101	98	96	90	85	95	92	74	71	75	84	92	90	90	95	96	95	94	96	90.4
		MIN	74	76	75	66	64	58	61	66	69	63	66	66	68	71	75	70	64	65	68	63	59	62	66	70	70	74	71	74	75	75	75	68.4
	2	MAX	95	97	90	84	76	83	91	87	85	83	86	93	95	97	92	87	84	91	88	76	70	74	81	87	87	86	91	93	92	91	93	87.3
		MIN	75	77	76	69	67	60	63	68	70	65	68	68	71	73	76	72	67	67	71	66	62	63	67	71	71	75	72	75	77	77	77	70.2
	4	MAX	88	90	83	80	73	78	84	82	79	78	82	87	90	89	88	83	80	86	83	77	70	71	76	81	83	81	86	88	89	87	88	82.6
		MIN	76	78	77	72	69	64	66	70	71	68	70	70	73	75	77	74	70	71	73	68	64	65	68	71	72	76	73	76	78	78	77	71.9
	8	MAX	82	83	80	78	75	75	77	77	76	75	77	80	83	83	82	79	78	80	79	78	71	70	73	76	78	78	81	83	83	83	83	78.6
		MIN	76	78	78	75	71	68	69	71	72	70	71	72	74	76	78	75	72	72	74	71	68	67	69	71	73	75	74	77	78	79	79	73.3
(SOD)	1	MAX	83	85	81	79	75	78	80	77	79	78	78	81	83	82	81	81	80	82	79	76	71	72	76	80	81	81	84	84	84	83	84	79.9
		MIN	74	76	77	74	72	68	69	71	72	71	72	71	72	74	75	74	72	71	73	70	68	68	69	72	73	76	74	76	76	76	76	72.6
	2	MAX	82	84	80	79	75	77	79	77	78	77	78	80	82	81	80	80	79	81	79	76	71	72	75	79	80	80	83	83	83	82	83	79.2
		MIN	74	76	77	75	73	69	70	72	72	72	73	72	73	74	76	74	72	72	73	71	68	68	69	72	73	76	75	76	77	77	76	73.1
	4	MAX	80	82	78	78	76	76	78	76	77	76	77	78	80	80	79	79	78	79	78	76	72	71	74	77	79	78	81	82	82	81	82	78.1
		MIN	74	76	77	76	73	70	70	72	72	72	73	72	73	74	76	74	73	73	74	72	69	69	70	72	74	76	75	76	77	77	77	73.5
	8	MAX	77	78	76	76	75	74	77	74	75	74	75	76	77	77	77	77	76	77	76	76	73	71	73	75	76	76	78	79	79	79	79	76.1
		MIN	74	76	76	75	74	72	72	73	73	73	73	73	73	75	75	75	74	73	74	73	71	70	70	72	73	75	75	76	77	77	77	73.8

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEXINGTON CAMPUS FARM																																		
(SOD)	20	7PM	71	71	72	72	72	72	72	71	71	71	71	71	72	72	72	72	72	72	73	72	71	70	70	70	71	72	72	73	74	74	74	71.8
	40	7PM	67	67	67	68	68	68	68	68	68	68	68	68	68	68	68	69	69	69	69	69	69	69	69	68	68	69	69	69	69	70	70	68.4
MAYFIELD RADIO WNGO																																		
	4	MAX	85	87	84	84	79	86	79	80	86	86	87	87	86	83	83	85	85	86	86	85	77	76	-	83	-	84	78	82	86	86	-	83.6
		MIN	78	76	80	79	78	79	66	79	75	74	75	74	78	75	75	80	80	78	77	77	73	72	-	72	-	72	72	72	80	80	-	75.9
	20	5PM	76	76	79	79	76	76	76	76	76	76	77	75	79	77	77	78	78	77	77	77	75	74	-	74	-	70	75	76	76	77	-	76.3
PRINCETON 1 SE																																		
	4	MAX	82	84	84	85	82	79	79	80	80	82	80	82	83	84	83	83	83	84	83	78	76	74	74	80	81	83	83	84	84	84	85	81.5
		MIN	77	79	80	79	78	73	74	76	75	76	75	77	77	78	79	77	75	76	78	75	72	71	71	74	77	78	78	79	79	80	80	76.5
	20	5PM	72	73	74	74	74	73	73	73	73	73	73	73	73	74	74	74	74	74	74	74	73	72	71	71	72	73	74	74	74	74	75	73.3
QUICKSAND																																		
	4	MAX	80	82	82	80	81	78	77	78	77	77	76	76	80	81	81	81	81	80	81	79	75	73	76	78	80	80	82	83	84	82	88	79.7
		MIN	75	77	78	76	74	72	71	72	73	72	72	73	73	75	76	76	73	73	73	75	71	70	70	73	75	76	76	77	78	76	78	74.2
	20	4PM	73	74	75	75	75	74	73	74	74	74	73	73	74	74	75	75	75	75	75	75	74	73	72	73	74	74	75	75	76	76	76	74.3
SANDY HOOK 4 NW																																		
	4	MAX	84	86	86	82	80	78	78	80	78	77	78	80	82	82	82	84	85	85	82	82	78	78	73	79	81	80	80	83	84	81	83	81.0
		MIN	76	77	77	75	73	68	70	71	72	73	72	72	72	72	72	76	76	72	72	72	73	70	70	72	74	74	75	76	77	75	76	73.3
	20	6PM	68	70	70	71	70	69	69	69	69	69	69	69	70	70	70	70	71	71	70	71	70	70	69	69	69	70	70	70	71	72	72	69.9
SOMERSET 2 N																																		
	1	MAX	86	87	87	85	85	81	81	80	80	80	79	82	83	84	83	83	83	84	84	80	75	73	77	80	85	84	80	86	87	89	85	82.5
		MIN	75	77	77	77	74	71	71	73	73	72	73	73	73	75	76	75	72	73	74	74	70	70	71	73	75	76	74	75	77	77	76	73.9
	4	MAX	83	84	85	82	83	79	79	79	77	78	78	80	81	82	82	82	81	82	82	78	75	72	74	78	82	85	83	83	85	86	83	80.7
		MIN	75	77	79	77	75	71	72	73	73	72	73	73	74	75	77	75	72	73	74	74	70	69	70	73	75	76	74	76	77	78	77	74.2
	20	6PM	74	75	76	76	76	75	75	75	75	74	75	75	75	75	76	76	76	76	76	76	75	74	73	74	75	75	75	76	77	77	77	75.3
WILLIAMSTOWN 3 NW																																		
	4	MAX	78	79	78	76	76	74	74	74	72	72	74	75	76	77	76	77	77	77	77	75	78	75	72	74	75	75	76	77	77	77	77	75.7
		MIN	74	75	76	74	72	70	70	71	71	70	71	72	73	75	75	75	74	73	75	73	75	71	71	71	73	75	75	74	76	75	75	73.2
	20	6PM	68	68	69	69	69	69	69	68	68	68	68	68	68	69	69	70	70	70	70	70	70	69	69	69	69	70	70	70	70	70	71	69.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	55[illegible]	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	50[illegible]		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT *	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	[illegible]	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	218[illegible]	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	221[illegible]	03	MERCER	[illegible]	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	430		7A		C	VERNON W. HICKS
DUNMOR	236[illegible]	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	0[illegible]	BRECKINRIDGE	[illegible]	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	0[illegible]	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	0[illegible]	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	52[illegible]		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	86[illegible]		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	[illegible]	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	[illegible]	38 14	84 52	504	7[illegible]	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	324[illegible]	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	343[illegible]	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	370[illegible]	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14 *	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	381[illegible]	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6[illegible]		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A			CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT *	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT *	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	0[illegible]	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	0[illegible]	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	0[illegible]	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	0[illegible]	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	0[illegible]	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	0[illegible]	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		7A			EUGENE HOUCHENS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

KENTUCKY
JULY 1970

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

KENTUCKY

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

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AUGUST 1970
Volume 65 No. 8

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	89.1	64.4M	76.8M		101	3	53	24	0	13	0	0	0	3.34		.80	8	.0	0		8	2	0
BEAVER DAM	87.8M	65.0M	76.4M		96	3	54	25+	0	15	0	0	0	1.97		.89	20+	.0	0		2	2	0
FORDS FERRY DAM 50	88.2	67.8	78.0		96	3	58	24	0	12	0	0	0	5.51	2.21	1.92	8	.0	0		5	4	3
GILBERTSVILLE 1 SE	91.7	69.5	80.6		99	1	59	24	0	24	0	0	0	4.14		1.25	12	.0	0		6	3	2
GOLDEN POND 8 N	88.0	68.3M	78.2M		94	4+			0	15	0	0	0	1.97		1.20	9	.0	0		4	1	1
GREENVILLE 2 W	88.9M	65.4M	77.2M	.6	94	3+	54	25+	0		0	0	0	2.17	- 1.44			.0	0				
HENDERSON 7 SSW	86.9	66.4	76.7	- .5	93	31+	55	24	0	12	0	0	0	2.14	- 1.26	.66	8	.0	0		7	1	0
HICKMAN 1 E	89.0	67.3	78.2		98	3	55	24	0	15	0	0	0	3.20		1.45	20	.0	0		4	3	1
HOPKINSVILLE	89.1	67.2	78.2	.5	99	2	57	25	0	17	0	0	0	6.12	2.69	2.30	9	.0	0		7	3	2
LOVELACEVILLE	88.3	66.7	77.5	- .8	98	3	55	24	0	14	0	0	0	1.91	- 1.34	.75	5	.0	0		5	1	0
MADISONVILLE 1 SE	88.4	66.6	77.5		94	29+	55	25+	0	14	0	0	0	3.23		.96	13	.0	0		5	4	0
MAYFIELD RADIO WNGD	88.2M	68.0M	78.1M		97	3			0	12	0	0	0	3.92		.85	9	.0	0		7	5	0
MURRAY	88.7	68.5	78.6	.0	97	1	58	25+	0	15	0	0	0	1.47	- 1.78	.49	4	.0	0		5	0	0
OWENSBORO 2 W	89.2	65.1	77.2	.3	95	31+	54	25+	0	18	0	0	0	2.30	- 1.15	.55	9	.0	0		7	1	0
PADUCAH FAA AIRPORT	87.6	68.0	77.8		99	3	57	26+	0	12	0	0	0	2.85		1.44	5	.0	0		6	1	1
PADUCAH SEWAGE PLANT	89.5	67.0	78.3		100	4+	57	24	0	16	0	0	0	3.10	- .22	1.16	18	.0	0		4	3	1
PRINCETON 1 SE	87.7	67.0	77.4	- .4	97	1	58	25+	0	14	0	0	0	6.96	3.63	3.83	9	.0	0		8	3	1
ROCHESTER LOCK 3	M	M	M		95	4	54	25+			0	0	0	3.65		1.93	23	.0	0				1
RUSSELLVILLE	87.4	65.7	76.6	- .6	96	2	54	25	0	12	0	0	0	3.59	.14	2.25	9	.0	0		6	2	1
DIVISION			77.7	.2										3.34	- .05			.0					
* * * CENTRAL 02																							
ANCHORAGE	86.8	64.8	75.8	1.1	92	17+	55	24	0	10	0	0	0	7.71	4.16	2.50	9	.0	0		7	4	3
BARDSTOWN	87.3	63.1	75.2		93	30+	52	25	0	13	0	0	0	2.86		.87	9	.0	0		8	2	0
BARREN RIVER RESERVOIR	87.3	65.4	76.4		97	2	56	25	0	12	0	0	0	5.13		1.30	23	.0	0		7	4	3
BERNHEIM FOREST	87.6	63.1	75.4		93	30	53	25	0	12	0	0	0	3.58		1.07	9	.0	0		6	3	1
BOWLING GREEN FAA AP	87.7	67.0	77.4	- .5	99	1	58	25	0	12	0	0	0	2.65	- .95	1.34	8	.0	0		5	2	1
BRADFORDSVILLE	87.5	62.7	75.1		94	2	51	25	0	12	0	0	0	5.16		1.22	19	.0	0		7	4	3
CAMPBELLSVILLE 2 SSW																							
CECILIA	85.6	63.0	74.3	- 1.1	91	16	55	26+	0	9	0	0	0	3.35	- .29	1.00	8	.0	0		8	2	1
GLASGOW WKAY	85.1	65.1	75.1		94	1	56	25	0	6	0	0	0	2.80		.80	8	.0	0		7	1	0
GREENSBURG	88.6	64.5	76.6	.5	95	3+	55	25	0	14	0	0	0	3.86	.00	1.66	9	.0	0		6	3	1
HODGENVILLE-LINCOLN NP	87.0	64.1	75.6		93	30+	54	24	0	13	0	0	0	3.07		1.07	9	.0	0		5	3	1
IRVINGTON	86.4	62.9	74.7	- 1.8	92	2	51	24	0	12	0	0	0	4.44	1.30	1.62	20	.0	0		7	3	2
LEITCHFIELD 2 N	86.7	64.5	75.6	- 1.1	94	3	55	27+	0	9	0	0	0	5.30	1.92	1.75	9	.0	0		6	3	3
LOUISVILLE	88.5	68.6	78.6		95	30+	62	25+	0	14	0	0	0	7.42		2.12	9	.0	0		8	5	3
LOUISVILLE WB AP R	85.4	66.5	76.0	- .2	91	16+	58	25+	0	5	0	0	0	7.65	4.68	2.84	8	.0	0		7	4	3
MAMMOTH CAVE PARK	86.3	64.0	75.2		93	3	52	25	0	9	0	0	0	2.48		.98	8	.0	0		5	2	0
NOLIN RIVER RESERVOIR	87.7	62.5	75.1		96	4+	54	26+	0	15	0	0	0	2.76		1.09	9	.0	0		4	3	1
ROUGH RIVER DAM	87.8	63.2	75.5		95	3	53	24	0	13	0	0	0	4.80		1.95	9	.0	0		7	3	2
SCOTTSVILLE 3 SSW	85.8	67.4	76.6		94	3+	59	24	0	5	0	0	0	9.89		3.16	12	.0	0		6	5	4
SUMMER SHADE	85.2	65.0	75.1		92	3	58	28+	0	4	0	0	0	3.53		1.40	12	.0	0		5	3	2
WOLF CREEK DAM	87.7M	61.6	74.7M		95	4+	50	26	0	10	0	0	0	5.13		2.02	9	.0	0		5	5	2
DIVISION			75.7	- .5										4.68	1.14			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	87.3	66.1M	76.7M	.8	94	2+	58	24	0	8	0	0	0	5.38	1.26	2.00	31+	.0	0		5	3	2
CARROLLTON LOCK 1	85.3	64.6	75.0		91	17+	54	24	0	10	0	0	0	2.45	- 1.02	.81	20	.0	0		5	2	0
COVINGTON WB AIRPORT R	85.4	64.7	75.1	1.0	94	1	56	24	0	7	0	0	0	2.96	.36	.83	9	.0	0		7	2	0
CYNTHIANA 2	87.6	60.8	74.2		96	1	52	24	0	12	0	0	0	2.50		1.00	20	.0	0		5	2	1
DANVILLE	85.8	64.0	74.9		92	31+	56	26+	0	7	0	0	0	3.25	- .69	1.40	9	.0	0		5	2	1
DIX DAM	86.4	64.8	75.6		94	2	54	25	0	8	0	0	0	6.82		1.93	22	.0	0		8	5	3
FALMOUTH 5 WNW	86.8	59.1	73.0		94	1	48	25+	0	11	0	0	0	2.54	- .47	1.10	9	.0	0		6	2	1
FARMERS 1 WNW	85.6	63.3	74.5	.3	91	18	55	25	0	4	0	0	0	4.24	.13	1.43	9	.0	0		9	3	1
FLEMINGSBURG 1 SW	84.6	63.0	73.8		92	30	54	25	0	4	0	0	0	2.25		.80	3	.0	0		6	2	0
FRANKFORT LOCK 4	87.8	63.0	75.4	- .6	95	3	55	26+	0	12	0	0	0	2.31	- 1.13	.80	9	.0	0		6	2	0
LEXINGTON WB AIRPORT R	84.9	64.3	74.6	- 1.4	91	29	55	25+	0	4	0	0	0	2.61	- .60	.69	3	.0	0		8	2	0
MAYSVILLE SEWAGE PLANT	86.4	62.3	74.4	.0	92	31+	55	25	0	9	0	0	0	3.69	- .35	1.36	4	.0	0		5	3	2
MOUNT STERLING	85.0	64.5	74.8		89	30+	57	25+	0	0	0	0	0	6.28	2.73	1.53	9	.0	0		7	5	4
OWENTON	86.2	65.0	75.6		92	30	58	24+	0	12	0	0	0	.92		.35	20	.0	0		3	0	0
RICHMOND	86.2	64.3	75.3		94	4+	56	24	0	11	0	0	0	5.30		2.00	23	.0	0		7	4	2
SHELBYVILLE	85.0	63.0	74.0	- 1.5	91	2	55	24	0	5	0	0	0	4.80	1.18	1.61	9	.0	0		8	3	1
WARSAW MARKLAND DAM	86.1	60.9	73.5	- 1.9	93	18	52	25	0	9	0	0	0	1.75	- 1.63	1.02	23	.0	0		4	1	1
WAYNESBURG 7 NE	84.0	63.8	73.9		92	1	56	24	0	3	0	0	0	5.81		2.42	9	.0	0		5	4	2
WILLIAMSTOWN 3 NW	85.5	64.1	74.8	- .9	92	29+	54	24	0	9	0	0	0	2.39	- .84	1.12	9	.0	0		4	2	1
DIVISION			74.7	- .8										3.59	- .08			.0					
* * * EASTERN 04																							
ASHLAND	85.5	61.6	73.6	- 2.2	91	20+	55	25	0	6	0	0	0	4.30	.98	1.12	23	.0	0		7	3	2
BARBOURVILLE	86.3	63.6	75.0		95	2	56	28+	0	8	0	0	0	6.17		2.27	10	.0	0		10	4	2
BAXTER	85.4	62.5	74.0		91	4+	56	26+	0	5	0	0	0	4.30		1.97	10	.0	0		9	2	1
BLAINE	87.3	60.0	73.7		93	1	54	26+	0	9	0	0	0	3.93		1.51	23	.0	0		6	3	2
CUMBERLAND																							

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 109

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	86.9	62.9	74.9		98	1	58	11+	0	9	0	0	0	4.51		1.23	23	.0	0		8	3	2
GRAYSON 5 SE	86.4	60.5	73.5		92	19	55	25	0	8	0	0	0	4.71		.77	14	.0	0		10	6	0
HEIDELBERG LOCK 14 R	86.5	63.5	75.0		94	3	55	25	0	6	0	0	0	5.22	1.21	2.03	23	.0	0		5	3	3
HINDMAN 11 NNE	87.2	61.6	74.4		95	4+	55	26+	0	11	0	0	0	4.99		1.63	23	.0	0		7	4	2
HYDEN	85.3M	62.2M	73.8M		92	2+	55	26+	0	3	0	0	0	6.52		1.12	10	.0	0		9	7	2
JACKSON	89.2	63.7	76.5		98	3	58	26+	0	19	0	0	0	5.97		1.78	10	.0	0		8	5	2
LONDON FAA AP	84.9	63.3	74.1		96	1	55	25	0	3	0	0	0	6.08		2.44	9	.0	0		9	4	2
MANCHESTER 4 SE	86.0	63.2	74.6		95	1	55	25	0	4	0	0	0	5.34		1.74	9	.0	0		8	4	2
MC KEE	84.4	60.5	72.5		91	2	52	26+	0	4	0	0	0	6.02		2.30	2	.0	0		6	4	3
MIDDLESBORO	86.9	62.3	74.6		94	3+	56	26+	0	9	0	0	0	7.07		3.52	10	.0	0		7	3	3
MONTICELLO	86.5	63.6	75.1		94	2+	53	25	0	7	0	0	0	8.52		3.54	10	.0	0		7	3	3
MOUNT VERNON	86.4	64.2	75.3		95	2+	54	25	0	4	0	0	0	4.98		1.85	9	.0	0		9	3	2
PIKEVILLE	88.9	65.3	77.1		94	18+	58	25	0	19	0	0	0	4.69	.74	1.59	23	.0	0		8	4	1
SOMERSET 2 N	86.4	62.5	74.5		95	1	54	27+	0	9	0	0	0	9.40		6.21	9	.0	0		8	3	2
STEARNS																							
TOMAHAWK 1 WSW	85.5	60.7	73.1		93	1	54	26+	0	4	0	0	0	4.76		1.30	23	.0	0		9	3	2
VANCEBURG	86.2M	61.1M	73.7M				54	25	0	9	0	0	0	3.51	- .18	1.02	23	.0	0		5	3	2
WEST LIBERTY	86.2	59.6	72.9		94	1	54	26+	0	7	0	0	0	4.92		1.40	23	.0	0		5	4	3
WILLIAMSBURG 1 E	85.6	63.8	74.7	- 1.5	93	3	56	6	0	6	0	0	0	6.68	2.91	1.57	10	.0	0		10	5	2
DIVISION			74.4	- .9										5.57	1.77			.0					

EXTREMES

HIGHEST TEMPERATURE BARDWELL 4 E	101	DATE	03
LOWEST TEMPERATURE FALMOUTH 5 WNW	48	DATE	25+
GREATEST TOTAL PRECIPITATION SCOTTSVILLE 3 SSW	9.89		
LEAST TOTAL PRECIPITATION OWENTON	.92		
GREATEST 1 DAY PRECIPITATION SOMERSET 2 N	6.21	DATE	09

KENTUCKY - AUGUST 1970

SPECIAL WEATHER SUMMARY

Rainfall was spotty in shower activity and monthly totals were variable from light to heavy. Showers fell almost daily somewhere in the State until a dry period of about a week at the end of the month. Much of Kentucky had smoke or haze on two-thirds or more of the days. Percent of possible sunshine was below average over much of the Commonwealth. There were a number of storms during the month, chiefly during the first 3 weeks.

On the 3d, a line of thunderstorms in advance of a cool weather front moved southward. In the late morning and early afternoon fires apparently set by lightning strikes burned several barns in northern areas. In the late afternoon and early evening high winds and lightning strikes were responsible for damage to or destruction of a number of buildings in southern areas. Trees, TV antennas, and utility lines were downed. Several mobile homes were damaged, and there was some wind damage to tobacco and corn crops. Several cattle were killed by lightning, and there was some lightning damage to tobacco plants.

The heaviest reported rainfall fell on the 8th-10th on the southern counties of Casey, Pulaski, Laurel, and Wayne. Measured totals ranged from about 3 to 8 inches. News sources indicated unofficial totals of 12 to 15 inches in the vicinity of Steubenville in northern Wayne County. A number of families had to leave their homes, especially in the Somerset area of Pulaski County. Business establishments were flooded, water covered a number of roads, and there was damage to farm crops and lands.

On the 21st a man was killed by a lightning strike while standing in the doorway of a barn near Brandenburg in Meade County.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issue of STORM DATA.

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	3.34	.04		.01	.26	.72	.10	.30	.80	.41	.20		.04	T				.01			.40	.03		.02								
BEAVER DAM	1.97								.89				.06						.03		.89		.01	.09								
CALHOUN LOCK 2	1.83	T					T		.10	.62		T		.17					.07		.44	.17		.26								T
COBB	4.98		.90		.10					2.00	1.20											.45		.33								
DAWSON SPRINGS	5.68								.03	3.37	.24	T										1.71		.33	T							
DUNDEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNMOR	3.46				.45					.84	.60			.70						.10	.04	.44		.29								
ELKTON 2 S	4.80	T	.40	.60	.18					1.90	.70		.15	.11							T	.09		.58							.09	
FORDS FERRY DAM 50	5.51	.03					T		1.92	.02	T			.10					.59		1.54	.05		1.26								
FRANKLIN 1 E	3.76		.49		.07					.40	1.44		.89	.08					.39											T		
GILBERTSVILLE 1 SE	4.14					.01			.28	.64			1.25					.37			.47	1.11		.01								
GOLDEN POND 8 N	1.97		.03							1.20											.30	.34		.10								
GREENVILLE 2 W	2.17								*	*	*	*	1.05									.05		.97							.10	
HARTFORD 6 NW	2.46	.11	.08	T					.04	.74		T	T	.12					T	T	.74	.25		.11							.27	
HENDERSON 7 SSW	2.14			.12					.66	.12	T	.32	.03					.01		.14	T		.27									.47
HICKMAN 1 E	3.20			T	T	.89	T		.06	.57	T	.05	T								1.45	T	T	.18								
HOPKINSVILLE	6.12		2.02		.18					2.30	.32		.49	.60								.06		.15								
LOVELACEVILLE	1.91					.75			.27	.35		T						T		T	.12			.42								
MADISONVILLE 1 SE	3.23								.03	.75	.31		T	.96							.04	.55		.59								
MAYFIELD RADIO WNGO	3.92					.68	.02		.53	.85	.03		.71								.20	.71	.09	.10								
MURRAY	1.47				.49	.16			.22	.22			.26							.07		.01	.04									
OWENSBORO 2 W	2.30	.37							.41	.55	.18		.15					T			.44			.20								
OWENSBORO DAM 46	2.85	.33	.02						.28	.58	.28		.42	.12					T		.72			.10								
PADUCAH FAA AIRPORT	2.85				.11	1.44			.12	.40	T		.31					T			.37	.02	.08									
PADUCAH SEWAGE PLANT	3.10	T				T	.06			.55	.29	T		.09					1.16			.87		.08								
PARADISE STEAM PLANT R	4.81								T	1.02	T			.16							.55	.97		2.11								
PRINCETON 1 SE	6.96		.89	.10	.65				.38	3.83	.05											.46	.25	.35								
ROCHESTER LOCK 3	3.65									*	.67			T							.14	.91		1.93								
RUSSELLVILLE	3.59	.75								2.25	.22		.16	.11										.10								
SEBREE	4.75									.72			.03	.23				.22		1.54		.59		1.42								
UNIONTOWN DAM 49 //	2.75	.02								1.32	T							.40	.70					.31								
* * * CENTRAL 02																																
ADDISON DAM 45 //	3.20	.10								1.75	.07	.17									.36			.75								
ALBANY 4 N	5.52				.22					1.77	2.55	T	.23	.10										.58							.07	
ANCHORAGE	7.71	T		.45					.36	2.50	.61		T					.08			2.40		.20	1.11								
BARDSTOWN	2.86	.06	.15	.35					.22	.87	.06		.13						.09		.20		.22	.51								
BARREN RIVER RESERVOIR	5.13		1.12		.45					1.19	.27		.20	.52					.02	.02	.04			1.30								
BERNHEIM FOREST	3.58	.03							.30	1.07	.27								.30		.95		.64	.02							T	
BOWLING GREEN	3.45		.15		.05				T	1.50	.18	.07		.05							.25	.20		1.00						T		
BOWLING GREEN FAA AP	2.65	T		.14		T			1.34	.06	.15	.01	.05								.57		.33									
BRADFORDSVILLE	5.16				.83					1.10	1.18		.20	.16						1.22		.08		.39								
BROWNSVILLE	2.49	.05			T					1.57	T	T	T	.33							.50	T		.04								
BURKESVILLE 2 W	6.45				.44					.74	3.00		.75	.77				.44	.06					.25								
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANEYVILLE	3.58	.11								1.09		T								.15	.63			.85								.75
CECILIA	3.35	T							1.00	.28	.31		.12						.92	.05	.24		.27	.16								
EDMONTON	4.53				.40					2.80			.30	.20										.83								
GAMALIEL 1 S	6.09	.17	T		.20					.20	.68	.92	2.82	.07				.02	.04	.03		.50		.44								
GLASGOW	3.15		.23		.14					2.02			.20	.30							.06			.20								
GLASGOW WKAY	2.80	.14		.20					.80	.60			.78								.01	T	.16	.11								
GLENDALE 1 E	2.40									1.31	.60	.04		T						T	.11			.34								
GREENSBURG	3.86				.25					1.66	.92	T	.07	.14							.58			.24								
GREENSBURG HIWAY 61	3.89	.01	T		.21					2.05	.80	.03	.07	.32							.21			.19								T
HODGENVILLE-LINCOLN NP	3.07				.25				.09	1.07	.75	.03	.27					T			T		T	.61								
IRVINGTON	4.44		.13						1.39	.01	.10								.85		1.62		.20	.02							.12	
LEITCHFIELD 2 N	5.30	.07								1.75	.15	.31								.40	1.17	T		1.45								
LIBERTY	9.87		.02		.14					5.48	2.34		.16	.74						.20	.40			.39								
LOUISVILLE	7.42	.14	.06	.69					.85	2.12	.12		T			.13		T	T		1.91		1.40									
LOUISVILLE WB AP R	7.65	.03		.67					2.84	.21	.04							.27		1.89	.37		1.32								.01	T
LOUISVILLE UPPER GAGE	5.23				.95					2.52	T	.05	.03									T		1.68								
MAMMOTH CAVE PARK	2.48				T				.98	.39		.10		T			T				.47			.54								
MILLERSTOWN	4.01	*	*	*	*	*	*	*	*	*	*	*	*	2.02						*	*	*	*	1.99								
MUNFORDVILLE	3.55	.34	T		.18					1.86	.53			T							.18	T		.45							.01	
NOLIN RIVER RESERVOIR	2.76									1.09	.06		T	T							.93	.11		.57								
ROUGH RIVER DAM	4.80	.15								1.95	T	.12					.20			.22	1.24			.92								
SCOTTSVILLE 3 SSW	9.89			.81					.27	2.66	.08	1.65	3.16								1.18			.08								
SCOTTSVILLE 2 SW	8.19	T	T		.63					.30	2.80		4.10	.16							T	.20		T								
SHEPHERDSVILLE	1.45																			.33	.73			.39								
SUMMER SHADE	3.53			1.02					.30	.60			1.40				T				.03			.18								
WOLF CREEK DAM	5.13				.51					2.02	1.32		.53	.09										.66								
WOODBURY LOCK 4	2.52	.11			.02					.94	.35	.03	.03	.11							.07	.24		.62								
* * * BLUE GRASS 03																																
BEREA COLLEGE	5.38		.05		.14					2.00	.07		.18					.02			.08			.84								2.00
BEREA	3.82				.16					1.43	.76	T		.17					.03		.05	.43		.79								
CARROLLTON LOCK 1	2.45		.04		.08					.49	.07				.14						.81			.64								.18
COVINGTON WB AIRPORT R	2.96			.36					.04	.83	.01		.16	.02			T	.02		.42	.43		.55	T							.12	T
CYNTHIANA	2.24	T	.03		.16					.85	.13								.06		.74			.27								
CYNTHIANA 2	2.50				.15					.92	.10								.04		1.00			.25								.04
DANVILLE	3.25				.03					1.40	.77		.01	.18							.35	.02		.49								T
DIX DAM	6.82				.54					1.62	1.29		T	.83	.04					.13	.30	.14	1.93									
FALMOUTH 5 WNW	2.54	T	.13		.28					1.10	.57										.27			.19								T
FARMERS 1 WNW	4.24		.38		.55					1.43	.34	T			.10			.03	.12	.23	.16	T		.90								
FLEMINGSBURG	2.33				.84					.55	.14			T					T	.10	.11	.34		.25								T
FLEMINGSBURG 1 SW	2.25	T		.80						.56	.20		.01					T		.10		.31	.01	.18							.08	
FORD LOCK 10	-		.73		.25					1.35	-			.38	T			.03		.06		T		1.00								T
FRANKFORT LOCK 4	2.31	T	.12		.13					.80	.12		T	.01	.07	T					.47			.59								
GEORGETOWN WATER WORKS	2.33				.30					1.27	.08		.02	.07		.03					.26			.21								.09
GEST LOCK 3	3.13	.07	.06		.20					.27	.65	T	T		T				.67		.17			.96	T							.08
HIGH BRIDGE LOCK 7	4.94				.24					1.56	1.51		.02	.32						.08	.06	T		1.15								
KEENE 1 SSW	5.13				.52					1.20	2.56			.12	.42					.12	.10			.09								T
LA GRANGE 1 ESE	5.49	.43	T	.12					.34	1.77	.04							.03	T	1.33	.53		.23	.67							T	
LANCASTER	5.31				.33					*	2.69			.33					.12		.18	.09		1.57								
LEXINGTON WB AIRPORT R	2.61	.17		.69					.66	.39	T		.18						.04	.14	.02		.12	.01							.14	.05
LITTLE HICKMAN LOCK 8	5.11				.47					1.68	1.16			.31						.32		.09		1.08								
LOCKPORT LOCK 2	1.90	.17	.02		.25					.38	.58				T						.30			.20								
MAYSVILLE SEWAGE PLANT	3.69		T		1.36					1.00	.75								.02	.13	T	.06		.32								.05
MIDWAY	2.32		.07		.03					1.35	.20										.37			.30								
MOUNT STERLING	6.28	.07		1.23						1.53			.27	.17			T	.64	.02		.05		1.00	.08							T	1.22
OWENTON	.92	T			.04					.28	.20										.35			.05								T
RICHMOND	5.30		.01		.55					1.41	.81	.02		.15					.11		.03	.21		2.00								
SALVISA LOCK 6	5.24									1.63	2.33		T	.04	.06					T	.41	T		.62								.15
SHELBYVILLE	4.80		.24		.41					1.61	T				.62				.26		.79		.38	.49								
SPRINGFIELD	3.45									1.11	1.09										T			1.25								
TAYLORSVILLE	5.84		.24							3.85	.61								.05		.31			.45								.33
TYRONE LOCK 5	2.74		.06		.27					1.20	.43		T	.18	.03	T				T	.11			.37	.01							.08
VALLEY VIEW LOCK 9	7.30		.01		.25					1.62	3.21			.41						.09	.03	T		1.68								
WARSAW MARKLAND DAM	1.75		.03		.12					.37	T										.16			1.02								.05

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	5.81				.71					2.42	.33		T	1.46							.08	T		.81								
WILLIAMSTOWN 3 NW	2.39	.02	.06	.12					.05	1.12	.68			T						.08	.02		.21	.03							T	T
• • • EASTERN 04																																
ASHLAND	4.30				.37					.38	.66				.45			.02	1.05	.05	T	.14		1.12	.02							.04
BARBOURVILLE	6.17	.22	.12		.15					1.13	2.29	T		.29						T	.38	.08		.17	.64							.70
BAXTER	4.30		.28		.55					.40	1.90			.02	.21						.02	.22		.17	.16							.37
BLAINE	3.93	.08			.31					1.19	.52											.16		1.51								.16
BUCKHORN	4.24	.10	.35		T					1.60	.74	T	T	.15	T			.08	.22			T		.89	.11						T	
BURDINE 2 NE	2.93	.14			.55					.52	.48			.20	.10					.04				.80	.10							
CLAY CITY 1 WNW	8.4				.50					1.30	3.90			.16										2.50								.10
COLLEGE HILL LOCK 11	7.48		.22		1.12					1.29	2.51			T								T		2.34								
CUMBERLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUMBERLAND FALLS ST PK	6.0			.22					T	3.38	.41		.38				.35			.08	.15		T	.93						.01	.09	
DEWEY DAM	4.51	T	.42	.24						.60	1.00	.25		.23							.45			1.23	.04							.05
ELKHORN CITY	3.90	.07	.09		.12					.63	.70									.75	.50	.25		.29	.44							.06
FISHTRAP RESERVOIR	3.54	.12	.22		.51					.32	.44			.02		.02			.03		.16	.12		1.14	.28							.16
FREEBURN 2 SW	3.65	*	.88		.72					.28	.42				.05					.13	.03			.75	.29							.10
FRENCHBURG	8.30				1.65					2.00	2.00			.15										2.50							T	
GRAYSON 5 SE	4.71	.02			.57					.57	.58				.77			.10	.18	.48	.59			.67								.18
GRAYSON RESERVOIR	4.54				.80					.62	.48				.05			T		.33	1.32			.85								.09
HAZARD WATER WORKS	4.48	.02	1.28							.40	.84		.03	.34										.83	.74							
HEIDELBERG LOCK 14 R	5.22		T		.09					1.45	1.12	T		.22	T				.23		T	.08		2.03	T						T	
HINDMAN 11 NNE	4.99	.11			.60					.79	.45			.10										1.63								1.31
HYDEN	6.52	.51	1.10		.47					.78	1.12			.65	.12									.94	.75							.08
JACKSON	5.97				.87					.63	1.78			.68	T			.10	T		.18	.03		1.58								.12
JEREMIAH	5.08		1.50	T	T					.90	.07		T	1.04						.09	T		.20	.90							.12	.26
LLOYD GREENUP DAM	3.93				.20					.18	.50								.43	.59		.20		1.64								.19
LONDON FAA AP	6.08	T		.12					.64	2.44	T		.14				T			.41	.64		.25	.38							T	1.06
LOUISA 2	3.37	.15			.19					.87	.64				.04			.38						1.05	.05							
MANCHESTER 4 SE	5.34		.15		.88					1.74	1.08			.22							.15	.45		.67								
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-					.15		.15	.02		1.84								.33
MC KEE	6.02		2.30		.46					1.37	.53			.31	T				T		T	T		1.03							T	.02
MIDDLESBORO	7.07	.20			.27					1.27	3.52	.06		.24	.03						.03	.05	.01	.04	1.15						.06	.14
MONTICELLO	8.52	T			1.26					2.77	3.54	.10	.18	.12					.03					.44							.08	
MOUNT VERNON	4.98			.11	.83				T	1.85	.13		.44				T	.20			.14		.17	1.11								T
ONEIDA	5.13	1.25			.04					1.95	.76			.23							*	.80		.10								
PAINTSVILLE 1 S	4.26		.24		1.20					.93	.42	.17								T				1.30								
PIKEVILLE	4.69	.77		.35						.76	.06		T	.02					.11	.13		.09	T	1.59							.17	.64
PINEVILLE 4 NW	8.22	.06	.08		1.02					1.42	2.14			.09	.06						.68	.77		.09	1.78						.03	
RAVENNA LOCK 12	4.25		.09		.32					1.04	.69		.02	.19								.10		1.80	T							
SALYERSVILLE 2 SE	5.01				.97					.98	1.25			.39										1.29	.04							.09
SOMERSET 2 N	9.40			.01					.46	6.21	.31		.75				.01				.12	.11		.33								1.09
STEARNS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TILFORD	6.55	.10	.15	1.61	.20					1.60	.20								1.21		T	.12								T	1.36	T
TOMAHAWK 1 WSW	4.76	.34			.38					1.03	.35	.30			.23			.06			.60		.03	1.30								.14
VANCEBURG	3.51			.27						.90	1.00							T		.32				1.02								
WEST LIBERTY	4.92		.02		.74					1.23	1.28			T	T					.20				1.40								.05
WILLIAMSBURG 1 E	6.68	.86			.11					1.45	1.57	.02		.27							.27	.10		.93	.81						.29	
WILLOW LOCK 13	4.9		.03		.33					1.05	1.00		.15	.02	.25				.19		.29	.39		1.07	T							.18

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time EASTERN 01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	34	0.6	6.7	23++	30	22+	77	82	53	59	2	4	5	2	0	0	13	-	5.6
LEXINGTON WB AIRPORT	17	0.8	6.6	18++	23	30+	83	86	56	63	1	4	6	2	0	0	13	-	5.6
LOUISVILLE WB AIRPORT	13	0.8	6.7	24	E	19	83	86	60	64	1	3	3	1	2	1	11	60	5.6

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	99	98	101	99	89	85	87	88	84	84	80	84	86	89	92	93	90	91	88	90	84	89	84	82	84	86	89	92	91	93	91	89.1
	MIN							68	71	65	59	69	69	63	63	65	65	65	67	71	67	71	68	63	53	58	55	58	59	65	68	66	64.4
BEAVER DAM	MAX	94	93	96	92	87	88	90	87	82	82	81	80	85	88			91	91	92	87	85	91	82	81	83	85	87	91	91	93	91	87.8
	MIN	67	71	71	69	65	63	61	67	71	67	67	68	62	63			67	67	69	68	69	65	65	54	54	57	56	58	64	71	69	65.0
FORDS FERRY DAM 50	MAX	95	95	96	89	82	89	87	78	85	85	80	84	86	88	94	95	82	93	92	92	85	89	82	81	83	87	88	91	93	93	94	88.2
	MIN	70	71	75	72	66	67	70	68	72	67	69	68	66	66	67	68	70	70	70	69	70	67	63	58	62	63	63	62	68	73	72	67.8
GILBERTSVILLE 1 SE	MAX	99	98	98	96	94	88	91	90	82	83	90	97	89	91	95	93	92	91	91	94	94	90	89	86	85	90	91	94	93	94	94	91.7
	MIN	70	74	73	72	70	69	73	75	72	69	69	67	66	68	72	72	71	74	74	70	71	73	66	59	60	61	64	65	71	71	73	69.5
GOLDEN POND 8 N	MAX	93	94	91	94	90	89	89	89	89	78	81	80	77	85	89	92	92	91	90	90	91	88	88	82	81	83	86	90	91	92	92	88.0
	MIN	69	72	74	69	67	69	70	70	71	66	70	69	65	67	68	69	70	72	66	70	71	63	67	61		63	64	66	69	73	70	68.3
GREENVILLE 2 W	MAX	94	93	94	89	84	89	90										90	91	91	88	85	89	84	80	84	85	89	91	92	92	91	88.9
	MIN	68	70	74	69	66	65	63										63	67	71	69	70	67	66	54	54	58	59	60	65	73	68	65.4
HENDERSON 7 SSW	MAX	93	92	91	85	81	88	87	80	79	78	80	83	86	88	91	93	84	91	90	90	85	88	81	82	84	87	88	91	92	92	93	86.9
	MIN	70	67	76	69	67	66	67	69	70	65	68	67	63	65	68	67	69	68	72	70	68	67	63	55	57	58	58	61	67	73	69	66.4
HICKMAN 1 E	MAX	97	97	98	93	87	83	83	86	88	80	83	84	85	88	93	93	92	92	93	91	90	89	88	81	82	86	89	92	91	92	92	89.0
	MIN	68	71	73	71	70	70	70	71	70	70	68	70	63	62	67	67	67	68	69	67	69	71	65	55	60	59	62	62	69	71	70	67.3
HOPKINSVILLE	MAX	95	99	95	97	91	86	91	90	80	80	84	79	80	86	88	93	93	93	92	92	92	85	90	84	88	85	87	89	91	92	95	89.1
	MIN	69	69	72	71	69	68	68	70	69	70	69	68	65	65	66	68	70	69	70	70	69	69	68	58	57	59	63	63	64	70	68	67.2
LOVELACEVILLE	MAX	95	96	98	92	85	85	87	81	83	78	81	84	88	90	92	93	88	91	88	92	86	88	84	83	83	87	91	92	93	92	91	88.3
	MIN	66	72	72	69	70	68	70	73	71	70	70	70	62	67	65	65	65	65	72	68	68	68	66	55	60	57	60	60	66	70	68	66.7
MADISONVILLE 1 SE	MAX	94	94	94	90	87	90	90	88	85	82	81	81	85	88	91	91	90	90	89	89	87	88	85	83	84	87	89	91	94	91	92	88.4
	MIN	69	72	75	70	66	66	65	68	70	67	67	67	63	64	65	68	69	68	70	69	68	67	65	55	55	68	58	60	66	72	72	66.6
MAYFIELD RADIO WNGO	MAX	96	94	97	96	91	85	89	88	80	79	85	84	87	90	89	91	89	92	89	87	84	86	83	84	83	86	91	91		90	90	88.2
	MIN	65	78	72	69	68	67	68	70	63	69	66	66	61	62	74	74	70	69	71	72	68	68	68		67	62	63	60		78	65	68.0
MURRAY	MAX	97	95	96	90	85	85	87	83	80	79	82	83	85	91	94	92	94	94	89	90	85	89	83	83	84	87	92	94	94	94	93	88.7
	MIN	70	72	73	71	72	69	71	73	72	71	68	70	65	65	67	70	71	70	70	69	69	70	68	58	58	63	63	64	69	72	70	68.5
OWENSBORO 2 W	MAX	95	94	93	90	85	92	92	83	79	82	81	85	88	91	93	95	87	92	91	90	88	90	83	84	87	89	92	93	93	93	95	89.2
	MIN	70	70	75	67	65	65	66	65	65	64	66	66	65	65	66	67	70	67	70	66	65	65	64	54	54	55	57	60	65	70	70	65.1
PADUCAH FAA AIRPORT	MAX	94	96	99	92	79	85	87	82	84	76	82	82	87	90	91	91	87	90	87	91	85	88	83	82	85	89	88	93	91	92	88	87.6
	MIN	67	74	76	70	70	70	70	75	70	68	70	69	64	66	68	68	71	68	74	70	71	71	64	57	60	57	60	61	67	72	70	68.0
PADUCAH SEWAGE PLANT	MAX	100	98	98	100	93	83	87	89	83	85	78	83	85	87	91	94	94	90	92	90	93	86	90	83	87	83	88	89	93	94	94	89.5
	MIN	68	68	74	72	70	69	70	73	71	68	68	69	63	63	65	67	68	67	70	68	66	70	67	57	58	59	60	62	65	70	72	67.0
PRINCETON 1 SE	MAX	97	93	95	90	87	87	87	87	82	79	79	82	84	88	91	91	91	90	89	91	91	88	86	80	81	84	86	90	91	91	91	87.7
	MIN	68	71	74	71	67	66	68	71	69	69	67	62	64	65	68	68	69	69	71	70	69	69	65	58	58	60	60	62	68	72	69	67.0
ROCHESTER LOCK 3	MAX			93	95	88	85	89			88	80	77	80	86			90	89	90	90	85			88	79	81	85	86			90	
	MIN			71	67	64	60	60			64														54	54	55	57	58			68	
RUSSELLVILLE	MAX	85	96	92	93	89	90	89	89	80	82	80	73	82	85	89	92	92	91	90	90	89	85	89	81	82	85	85	89	91	91	92	87.4
	MIN	68	69	69	70	68	64	62	64	71	70	68	68	64	63	65	66	68	69	69	70	69	68	68	55	54	55	59	59	62	73	70	65.7
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	92	92	91	87	81	87	86	84	87	78	83	83	86	87	91	92	92	90	89	86	86	87	82	79	83	84	87	87	91	90	90	86.8
	MIN	72	65	70	60	63	63	63	64	65	66	65	68	62	64	65	69	68	70	68	65	63	64	66	55	57	59	59	61	64	71	74	64.8
BARDSTOWN	MAX	89	91	92	87	83	87	88	87	81	80	82	79	85	89	91	91	90	92	93	92	88	90	80	79	83	85	86	90	91	93	91	87.3
	MIN	69	69	69	62	61	61	60	62	67	68	64	68	58	61	63	61	66	67	66	65	65	62	67	55	52	55	55	56	61	69	73	63.1
BARREN RIVER RESERVOIR	MAX	83	97	93	95	88	88	87	89	76	87	80	75	80	85	90	92	93	92	90	91	84	86	89	81	80	84	85	89	92	92	93	87.3
	MIN	68	69	70	69	66	60	61	61	69	70	67	67	66	64	63	68	68	68	69	70	69	67	67	57	56	58	59	59	66	71	66	65.4
BERNHEIM FOREST	MAX	92	91	91	88	85	89	90	88	80	81	82	81	87	88	90	92	92	88	90	90	86	88	83	82	83	85	88	89	92	93	92	87.6
	MIN	70	66	69	60	60	61	59	61	68	68	65	67	59	59	59	67	67	68	68	65	64	61	68	54	53	55	56	57	61	70	72	63.1
BOWLING GREEN FAA AP	MAX	99	94	95	89	89	89	88	76	85	81	74	80	83	88	91	95	93	89	92	84	85	91	82	81	84	85	88	92	91	94	92	87.7
	MIN	69	71	73	69	67	66	63	69	72	70	65	68	65	64	64	70	70	67	69	68	72	69	66	59	58	63	62	60	67	73	70	67.0
BRADFORDSVILLE	MAX	90	94	93	92	88	88	89	90	79	83	80	82	81	86	90	92	91	90	89	89	86	89	89	82	81	85	86	88	90	91	91	87.5
	MIN	69	68	66	64	60	50	56	59	66	67	65	68	60	62	61	64	65	68	68	67	68	63	69	55	51	55	53	55	59	67	66	62.7
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	90	90	90	87	82	85	84	82	81	75	81	79	65	90	90	91	89	90	90	86	84	87	80	79	82	83	85	88	89	90	89	85.6
	MIN	70	67	67	63	62	62	63	67	68	67	65	67	60	62	63	61	61	67	67	65	66	63	66	55	55	55	56	56	59	60	68	63.0
GLASGOW WKAY	MAX	94	91	92	85	84	85	86	82	83	77	76	72	83	87	90	89	89	89	89	86	84	79	79	78	82	84	85	88	90	90	89	85.1
	MIN	69	70	73	68	64	64	62	64	70	69	66	66	67	63	63	66	66	66	68	66	69	66	58	57	56	62	59	58	65	70	67	65.1
GREENSBURG	MAX	90	95	95	94	89	87	90	89	78	81	81	82	82	87	89	93	94	94	93	92	89	88	91	82	82	87	88	89	91	91	94	88.6
	MIN	69	71	71	68	64	64	60	61	66	70	66	67	61	62	64	65	65	68	67	68	70	66	67	58	55	56	59	59	60	66	67	64.5
HODGENVILLE-LINCOLN NP	MAX	90	92	93	93	89	84	85	86	79	81	81	80	83	86	89	91	90	90	90	90	86	90	89	79	81	83	85	89	90	93	91	87.0
	MIN	69	68	70	65	63	62	61	63	68	68	64	67	60	62	64	66	67	67	67	66	67	63	67	54	55	56	56	59	63	70	69	64.1
IRVINGTON	MAX	90	92	90	88	82	85	86	86	79	78	79	87	85	87	90	90	91	90	90	90	86	87	84	81	81	84	85	89	90	91	91	86.4
	MIN	69	65	66	67	64	59	61	65	68	65	63	63	59	61	61	65	65	67	69	65	65	64	61	51	52	55	55	58	60	70	73	62.9
LEITCHFIELD 2 N	MAX	93	92	94	88	84	87	88	82	78	83	81	79	84	88	93	90	89	87	91	88	86	87	80	80	82	86	88	90	90	91	89	86.7
	MIN	69	71	69	66	63	61	64	59	68	66	66	69	62	63	62	67	69	68	69	66	69	65	68	55	55	57	55	58	62	69	71	64.5
LOUISVILLE	MAX	95	95	93	91	87	87	87	85	78	82	84	84	86	87	90	90	90	89	90	93	88	91	88	84	85	87	89	90	93	95	92	88.5
	MIN	75	70	72	65	69	66	67	68	66	66	70	70	65	68	70	73	72	72	72	68	68	68	68	62	62	65	66	66	68	75	76	68.6
LOUISVILLE WB AP	MAX	91	89	88	84	80	86	85	75	80	78	83	83	86	87	90	91	89	89	90	86	85	89	81	79	83	83	86	87	89	90	86	85.4
	MIN	73	67	72	63	66	65	65	66	69	68	68	69	63	65	66	69	70	72	70	68	67	65	65	58	58	60	62	62	65	72	73	66.5
MAMMOTH CAVE PARK	MAX	91	92	93	86	86	86	86	84	81	79	77	78	82	87	90	91	90	89	90	85	84	88	86	79	83	85	85	89	89	92	92	86.3
	MIN	68	70	72	67	63	62	60	64	66	70	65	66	65	61	62	65	67	67	68	67	70	65	58	55	52	57	55	57	63	71	64	64.0

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NOLIN RIVER RESERVOIR	MAX	86	96	94	96	90	86	90	90	75	82	82	79	80	86	88	92	93	91	91	93	85	86	90	81	81	84	87	88	92	93	93	87.7
	MIN	66	66	67	65	63	62	60	63	64	64	64	67	63	62	61	62	67	66	66	64	67	64	65	56	54	54	59	56	57	58	65	62.5
ROUGH RIVER DAM	MAX	90	94	95	94	89	83	89	90	73	81	80	83	84	88	90	93	92	87	89	91	90	88	89	83	82	84	87	88	92	92	92	87.8
	MIN	68	68	69	66	64	63	61	63	66	63	63	65	61	62	61	65	67	68	69	65	65	65	65	53	54	55	57	56	57	66	70	63.2
SCOTTSVILLE 3 SSW	MAX	94	90	94	88	87	86	88	81	84	81	78	76	82	85	90	88	89	88	89	83	82	89	82	78	81	84	86	88	88	92	89	85.8
	MIN	70	70	72	70	68	67	64	68	71	70	66	67	65	64	69	71	68	68	68	70	70	69	68	59	60	61	63	66	71	71	66	67.4
SUMMER SHADE	MAX	91	90	92	85	86	85	86	77	81	80	75	77	83	85	89	89	89	87	87	85	84	88	82	80	83	84	86	88	89	90	89	85.2
	MIN	68	70	72	68	63	63	60	63	70	70	65	67	63	62	63	63	65	67	67	69	68	67	70	58	58	61	58	58	65	70	64	65.0
WOLF CREEK DAM	MAX	82	95	95	95	86	88	89	89	82	79	80	80	80	85	88	92	91	92	89	90	88	87	87						90	90	91	87.7
	MIN	63	67	65	65	68	61	56	55	62	68	63	65	61	62	62	63	64	62	61	66	66	64	62	56	52	50	58	58	60	64	61	61.6
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	94	94	91	88	87	88	88	86	75	80	81	79	89	87	87	93	93	90	90	89	89	86	86	80	83	88	87	89	89	91	88	87.3
	MIN	72	72	69	66	62	64	60	65	67	72	64	69	65	62	66	67	70	70	71	69	68	66	67	58	66	60	60	62	64	71		66.1
CARROLLTON LOCK 1	MAX	90	90	86	83	80	83	83	83	78	75	82	82	85	87	90	91	91	90	90	84	84	88	79	79	82	83	87	88	90	90	90	85.3
	MIN	64	67	72	58	63	63	61	62	68	67	66	67	63	63	65	66	79	68	70	67	63	62	66	54	57	58	59	60	62	71	71	64.6
COVINGTON WB AIRPORT	MAX	94	86	83	82	80	84	85	80	74	76	83	83	85	88	89	92	88	92	90	86	84	87	80	80	84	86	89	90	91	91	85	85.4
	MIN	75	61	68	57	65	63	60	65	67	65	67	64	62	64	67	68	68	69	70	64	59	64	65	56	60	62	62	63	65	73	67	64.7
CYNTHIANA 2	MAX	96	92	91	86	86	84	86	86	85	78	79	84	82	88	88	91	94	93	86	93	86	88	94	82	81	84	87	90	92	93	92	87.6
	MIN	70	61	61	60	58	57	57	59	60	66	65	66	60	60	60	62	65	65	67	66	66	60	60	52	54	54	54	55	57	59	68	60.8
DANVILLE	MAX	91	91	92	90	87	83	87	86	81	77	75	81	76	85	86	89	90	89	89	90	86	86	88	80	81	83	85	86	88	89	92	85.8
	MIN	70	70	70	65	63	63	61	61	64	67	61	61	63	63	63	65	68	69	69	67	67	65	65	57	56	56	59	58	61	68	70	64.0
DIX DAM	MAX	91	94	92	85	84	86	87	87	82	75	80	80	83	86	90	90	89	89	89	90	86	89	88	80	81	84	85	88	89	90	90	86.4
	MIN	72	69	69	64	64	64	61	65	66	66	63	67	62	62	65	67	69	69	68	67	66	65	66	56	54	58	57	60	64	70	73	64.8
FALMOUTH 5 WNW	MAX	94	92	84	84	81	86	87	83	80	75	83	83	87	89	90	92	91	90	91	86	85	89	83	81	84	86	89	91	92	93	90	86.8
	MIN	69	66	61	51	59	54	54	56	65	63	62	59	57	58	59	61	63	64	66	65	60	56	63	48	48	50	53	53	55	63	71	59.1
FARMERS 1 WNW	MAX	89	89	87	84	84	85	85	85	80	78	84	77	85	87	89	90	89	91	90	86	87	89	80	81	84	85	87	88	90	88	80	85.6
	MIN	69	69	64	63	61	62	58	60	67	64	63	66	64	63	63	64	65	68	66	68	65	61	68	57	55	58	58	59	60	65	70	63.3
FLEMINGSBURG 1 SW	MAX	90	90	83	82	80	89	81	81	74	74	82	80	85	86	88	89	87	90	89	86	84	88	80	80	82	84	86	88	89	92	83	84.6
	MIN	71	64	65	59	62	62	60	61	66	64	63	67	65	62	61	64	66	68	68	67	63	63	66	55	54	58	56	57	59	67	71	63.0
FRANKFORT LOCK 4	MAX	93	94	95	89	89	84	87	87	81	81	81	83	82	85	88	92	92	91	86	92	86	88	91	83	82	85	87	90	90	94	93	87.8
	MIN	73	66	67	61	63	62	61	62	64	67	66	68	60	61	64	64	66	67	68	62	65	62	61	56	55	55	58	59	59	61	69	63.0
LEXINGTON WB AIRPORT	MAX	89	90	87	85	81	85	84	81	74	76	80	79	83	85	88	89	89	88	89	84	86	90	80	81	83	85	87	88	91	90	85	84.9
	MIN	71	67	70	62	63	63	61	64	67	67	64	63	62	63	66	68	68	69	68	68	65	67	63	55	55	57	57	61	63	68	69	64.3
MAYSVILLE SEWAGE PLANT	MAX	91	92	87	81	83	82	85	86	82	75	76	85	80	89	90	89	91	89	90	92	87	88	88	81	84	85	87	89	90	91	92	86.4
	MIN	70	61	62	58	58	62	60	59	61	64	63	62	64	63	65	66	68	67	69	67	65	61	59	56	55	58	59	60	60	62	68	62.3
MOUNT STERLING	MAX	89	89	86	89	87	83	83	82	80	76	80	80	83	85	88	89	87	88	89	88	85	87	86	79	82	84	85	86	89	89	86	85.0
	MIN	72	67	69	62	63	62	61	63	66	64	63	67	65	63	65	66	70	70	69	68	67	63	65	57	57	59	60	58	59	70	71	64.5
OWENTON	MAX	90	91	90	86	85	81	85	85	80	78	77	82	83	86	88	90	91	90	91	91	85	86	87	81	81	85	85	90	90	92	90	86.2
	MIN	74	64	65	58	60	60	64	65	67	64	65	67	62	64	65	70	72	71	68	65	62	64	65	58	59	60	63	65	67	68	73	65.0
RICHMOND	MAX	93	94	94	94	87	85	87	86	86	72	74	81	73	84	86	90	92	89	91	90	85	86	91	80	82	81	85	86	88	90	91	86.2
	MIN	70	69	67	62	62	62	61	63	66	65	63	66	63	62	65	67	68	68	68	67	66	67	66	56	57	59	60	60	62	66	70	64.3
SHELBYVILLE	MAX	89	91	90	87	84	80	86	84	78	80	77	82	81	86	86	90	89	88	86	88	86	86	80	80	79	82	85	87	87	90	90	85.0
	MIN	70	66	66	60	60	62	62	62	64	66	65	65	60	60	63	65	66	66	67	65	65	63	65	55	56	58	59	59	60	64	70	63.0
WARSAW MARKLAND DAM	MAX	89	90	88	83	83	81	84	84	77	77	76	83	83	88	88	91	92	93	92	91	86	87	90	82	80	84	87	89	88	91	91	86.1
	MIN	70	65	61	60	55	62	58	58	59	67	66	62	63	60	59	63	64	66	56	66	63	58	57	53	52	55	58	58	60	60	65	60.9
WAYNESBURG 7 NE	MAX	92	91	90	84	83	86	85	82	72	76	78	74	82	85	88	87	87	86	87	85	85	88	78	78	81	83	84	85	88	88	85	84.0
	MIN	69	71	67	65	61	63	60	63	66	64	59	65	62	62	68	64	66	66	66	66	67	65	66	56	57	60	58	58	62	68	68	63.8
WILLIAMSTOWN 3 NW	MAX	92	90	85	84	80	85	84	80	76	75	82	83	85	86	90	90	88	90	90	85	84	88	82	80	83	85	89	90	92	90	87	85.5
	MIN	72	61	69	56	63	61	61	64	65	63	63	65	60	63	67	68	68	68	68	65	59	63	64	54	59	61	60	63	65	76	72	64.1
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	90	91	87	84	82	83	84	79	83	76	74	85	86	86	87	90	90	88	90	91	88	86	89	80	81	84	84	86	88	89	89	85.5
	MIN	70	65	63	62	59	59	57	57	61	64	59	59	60	61	62	64	66	65	68	68	68	59	59	56	55	58	59	60	60	60	66	61.6
BARBOURVILLE	MAX	92	95	94	93	89	87	89	89	86	72	78	79	77	82	83	90	91	90	89	85	85	88	88	80	80	85	85	87	88	88	91	86.3
	MIN	67	71	67	67	60	60	60	59	63	67	63	64	65	65	65	63	63	66	67	67	67	68	68	60	56	56	56	56	66	65	65	63.6
BAXTER	MAX	90	91	91	91	87	86	87	87	85	72	76	81	76	79	86	88	90	89	88	88	83	87	87	86	80	85	83	86	87	87	87	85.4
	MIN	67	69	64	62	60	59	59	59	61	64	62	62	64	64	65	61	63	65	65	66	67	67	61	61	56	56	60	59	59	62	67	62.5
BLAINE	MAX	93	88	91	88	85	86	88	87	88	80	78	85	84	85	88	90	88	91	91	92	88	89	92	81	82	85	87	88	88	91	90	87.3
	MIN	68	67	61	60	60	58	57	57	59	64	60	59	61	62	60	60	62	62	63	62	63	67	56	55	54	54	56	57	56	56	63	60.0
CUMBERLAND	MAX																																
	MIN																																
DEWEY DAM	MAX	98	90	93	91	86	88	89	85	86	78	72	84	80	85	86	89	90	91	91	93	88	88	90	78	81	85	87	88	89	89	86	86.9
	MIN	68	68	62	61	60	62	58	60	62	62	58	59	65	65	65	67	65	67	66	66	66	62	62	61	59	60	60	62	60	63	69	62.9
GRAYSON 5 SE	MAX	91	90	89	88	84	81	84	85	83	76	76	85	84	86	88	91	90	89	92	91	87	87	91	81	82	84	87	89	89	90	89	86.4
	MIN	68	65	62	61	59	60	57	57	61	60	60	60	63	59	60	63	63	64	64	64	66	58	60	56	55	56	58	58	57	58	64	60.5
HEIDELBERG LOCK 14	MAX	93	92	94	86	88	86	87	88	81	78	85	82	81	85	87	89	91	88	90	88	86	89	84	80	81	83	85	86	88	89	90	86.5
	MIN	67	69	62	67	60	63	56	61	69	66	65	67	66	62	63	64	65	66	67	68	68	63	68	59	55	58	58	59	58	65	66	63.5
HINDMAN 11 NNE	MAX	95	93	92	95	86	88	87	89	89	78	77	85	87	84	86	89	91	92	91	91	88	90	91	74	80	82	84	86	88	90	86	87.2
	MIN	67	69	60	60	58	59	56	56	67	64	61	61	66	62	68	64	62	62	65	64	64	64	60	58	55	55	56	58	58	63	67	61.6
HYDEN	MAX	92	92	89	91	85	86	85	85	87	78			81			87	89	89	88	86	83	86	85	75	78	81	83	84	88	88	83	85.3
	MIN	65	69	64	63	61	61	59	59	62	65			63			62	62	62	66	64	64	65	65	62	55	55	62	61	60	60	64	62.2
JACKSON	MAX	95	93	98	93	90	89	90	91	91	78	80	86	78	85	90	91	92	92	94	92	89	91	92	81	84	87	88	89	91	92	92	89.2
	MIN	69	69	64	65	63	63	59	59	63	65	64	64	66	63	63	65	65	65	68	68	68	64	64	61	58	58	60	61	61	62	68	63.7

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LONDON FAA AP	MAX	96	93	94	88	86	88	87	83	72	77	78	74	82	86	88	89	89	88	87	83	86	85	78	79	61	82	84	87	87	89	87	84.9
	MIN	69	69	66	63	59	53	57	63	67	66	65	66	65	60	62	62	64	66	66	68	68	66	62	60	55	60	56	56	62	66	65	63.3
MANCHESTER 4 SE	MAX	95	93	93	69	86	87	87	66	75	79	79	77	62	85	89	90	89	89	88	84	86	88	84	80	83	85	85	87	88	89	88	86.0
	MIN	67	71	63	66	58	62	56	60	67	67	62	65	66	62	63	61	62	67	67	65	69	64	68	60	55	59	59	58	59	65	65	63.2
MC KEE	MAX	90	91	89	90	90	82	86	85	83	72	75	79	72	82	86	89	88	87	89	87	84	85	87	77	79	82	83	85	87	87	89	84.4
	MIN	66	67	63	65	56	59	55	56	62	65	60	63	64	59	59	61	62	64	65	65	68	60	61	55	52	52	55	55	55	58	65	60.5
MIDDLESBORO	MAX	92	94	94	92	89	88	90	88	87	80	75	79	76	84	88	89	90	91	90	87	86	88	88	89	80	85	85	86	88	86	90	86.9
	MIN	65	68	63	64	57	57	59	60	60	64	63	65	64	64	63	62	62	66	65	65	66	66	66	59	56	56	57	59	60	63	66	62.3
MONTICELLO	MAX	94	94	92	87	86	88	88	85	76	77	80	75	83	86	88	89	91	89	89	87	87	88	85	81	64	85	87	90	90	91	89	86.5
	MIN	68	70	69	59	60	63	58	62	70	67	62	66	62	62	63	62	65	66	67	70	68	66	70	56	53	58	56	57	65	69	64	63.6
MOUNT VERNON	MAX	95	95	94	93	86	88	87	86	73	76	79	78	83	86	89	89	89	89	88	88	85	89	65	80	62	89	85	86	89	89	89	86.4
	MIN	73	70	67	68	60	62	58	64	67	66	63	66	63	69	63	64	67	62	69	68	68	65	67	55	54	58	57	57	60	68	71	64.2
PIKEVILLE	MAX	92	94	93	89	90	90	92	86	79	77	86	85	88	92	92	92	90	94	92	91	92	90	82	84	87	90	89	93	91	90	83	88.9
	MIN	69	70	63	69	61	68	60	63	66	63	61	65	68	66	66	67	67	68	66	67	69	65	70	63	58	61	62	62	64	67	71	65.3
SOMERSET 2 N	MAX	95	92	93	88	86	87	88	83	73	80	80	77	83	86	90	90	91	89	89	87	86	88	82	79	88	84	85	87	90	91	90	86.4
	MIN	66	68	65	65	58	61	59	61	64	64	59	66	60	60	61	62	64	66	67	68	68	64	68	58	54	58	54	56	61	66	65	62.5
STEARNS	MAX																																
	MIN																																
TOMAHAWK 1 WSW	MAX	93	89	89	90	83	86	85	85	86	78	74	83	62	82	85	89	90	89	89	90	86	86	89	78	78	82	86	84	87	88	88	85.5
	MIN	69	68	60	60	59	59	55	54	65	63	58	58	60	60	64	63	64	64	65	64	65	60	60	60	54	54	58	60	57	57	66	60.7
VANCEBURG	MAX		86	80	83	83	84	84	80	80	78	85	83	88	88	90	88	90	90	92	88	87	90	88	82	84	86	89	89	90	90	91	86.2
	MIN		64	61	62	60	61	58	59	68	64	60	60	62	60	62	62	64	66	65	67	65	57	58	55	54	57	55	58	58	63	69	61.1
WEST LIBERTY	MAX	94	90	92	90	86	85	87	87	86	77	76	85	80	86	88	89	81	89	90	90	87	87	90	79	80	84	85	88	87	89	87	86.2
	MIN	66	66	60	60	59	59	55	55	57	62	60	60	63	60	60	62	63	63	63	64	65	58	58	55	54	54	56	57	57	57	60	59.6
WILLIAMSBURG 1 E	MAX	92	92	93	92	89	88	88	85	76	74	79	76	63	87	86	88	90	88	67	85	86	85	83	79	87	82	80	86	88	89	90	85.6
	MIN	69	64	68	70	60	56	60	64	67	66	63	66	64	63	61	63	66	66	67	69	69	66	67	60	57	59	58	60	61	63	66	63.8

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.28	.24	.28	.23	.28	.13	.25	.23	.27	.13	.14	.13	.15	.16	.19	.15	.34	.13	.22	.23	.34	.07	.28	.21	.18	.17	-	.21	.14	.35	.26	6.588
	WIND	53	29	33	41	30	13	23	30	23	24	24	32	13	14	12	21	19	12	56	45	33	21	35	12	15	15	12	17	20	36	71	834
	MAX	97	100	100	97	100	98	98	95	86	87	88	83	85	92	96	97	98	91	96	95	92	96	93	91	89	97	95	95	100	95	95	94.1
	MIN	73	71	73	74	71	69	68	69	71	72	69	68	70	69	77	71	73	72	72	72	72	72	71	65	62	65	65	65	65	70	71	69.9
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.19	.29	.35	.19	.32	.19	.22	.35	-	.06	.22	.10	.26	*	.32	.19	.19	.19	.26	.23	.11	.22	.25	.15	.26	.16	.16	.19	.32	.19	.22	6.568
	WIND	43	32	27	49	17	19	24	19	13	25	23	21	15	15	17	26	28	40	57	50	26	12	43	32	24	23	22	22	25	30	61	880
WOLF CREEK DAM	EVAP	.15	.22	.18	.00	.25	.21	.34	.23	-	-	.14	.05	.13	.14	.21	.20	.11	.16	.21	.21	.10	.06	.09	.34	.18	.17	.16	.21	.14	.11	.20	5.248
	WIND	11	10	9	18	11	8	9	11	13	11	15	6	13	7	6	5	7	5	17	16	10	7	21	12	8	8	7	5	5	11	15	317
	MAX	91	100	101	100	96	97	100	97	77	74	-	-	-	-	-	-	-	-	82	98	93	89	91	95	91	94	94	97	97	92	97	93.2
	MIN	70	70	72	74	71	69	69	64	65	69	-	-	-	-	-	-	-	-	71	75	76	74	74	61	62	62	66	65	65	72	68	68.9
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	-	-	-	.24	.29	.13	.30	.22	-	-	.20	.20	-	.24	-	-	-	.18	.15	.30	.14	-	-	-	.20	.26	.14	.20	.16	.24	.18	-
	WIND	29	18	5	17	19	11	*	62	23	47	121	47	13	9	*	21	7	13	15	25	10	*	*	47	12	26	7	9	8	13	16	650
	MAX	90	92	97	91	96	87	95	91	80	74	77	87	79	88	-	92	96	94	92	97	90	-	-	95	87	88	90	92	92	91	95	89.8
	MIN	72	74	72	71	68	68	64	64	67	67	62	63	69	68	-	70	70	75	72	72	71	-	-	65	65	65	67	69	68	69	69	68.4
* * * EASTERN 04																																	
BUCKHORN	EVAP	.20	.10	.24	.11	.27	.18	.21	.20	.08	.10	.10	.05	.10	.10	.15	.19	.28	.05	.23	.19	.06	.18	.16	.10	.15	.17	.16	.18	.20	.15	.17	4.81
	WIND	28	19	14	24	15	12	14	9	15	25	13	10	6	10	7	10	16	10	21	23	10	9	25	15	13	10	11	8	20	9	33	464
	MAX	97	91	102	92	97	91	95	97	91	77	82	90	83	90	95	97	98	93	96	94	90	97	92	91	88	93	90	93	95	94	93	92.4
	MIN	73	73	73	73	68	68	67	66	69	69	68	67	70	70	70	72	72	72	74	72	72	73	72	68	65	65	68	68	69	69	72	69.9
DEWEY DAM	EVAP	.22	.11	-	-	.16	.16	.09	.07	.18	-	.34	.14	.00	.09	.03	.14	.13	.15	.13	.14	.01	.15	-	.20	.12	.13	.10	.13	.10	.02	.15	3.898
	WIND	8	4	6	4	6	4	11	6	8	8	5	7	2	4	4	4	5	4	8	7	4	6	5	7	6	4	4	4	4	5	5	169

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	85	83	84	82	84	80	81	82	78	78	78	77	78	81	81	81	82	83	83	83	86	-	-	-	-	-	78	78	79	79	80	80.9
		MIN	81	80	81	79	79	77	77	78	77	78	75	77	75	75	77	77	77	79	79	79	-	-	-	-	-	-	75	73	74	76	77	77.3
	20	5PM	77	77	77	77	77	76	76	76	75	75	75	75	75	75	75	75	76	76	76	76	76	76	76	76	75	75	75	74	75	75	75	75.6
BEREA COLLEGE	4	MAX	80	80	80	80	-	78	78	78	78	77	77	77	75	77	78	78	79	79	80	78	80	80	80	78	78	78	78	79	-	-	-	78.4
		MIN	78	78	78	77	-	75	76	75	74	72	72	75	72	73	74	75	76	76	76	75	76	75	75	73	72	72	72	73	-	-	-	74.6
	20	5PM	-	-	-	-	-	-	-	-	-	78	78	78	77	77	78	78	78	78	78	79	79	79	79	78	78	78	78	78	78	78	78	78.1
CUMBERLAND GAP PARK	4	MAX	83	83	84	83	82	83	82	82	80	72	74	75	76	78	79	80	80	80	81	78	79	80	80	75	75	77	77	78	78	80	80	79.2
		MIN	76	77	77	77	76	76	75	75	72	71	71	74	74	74	74	74	75	76	77	76	76	78	73	72	73	73	73	74	74	75	75	74.6
	20	5PM	76	76	76	76	76	76	76	76	75	73	73	74	74	74	74	74	74	75	75	75	74	75	75	75	75	74	74	74	74	74	74	74.7
FLEMINGSBURG 1 SW	4	MAX	79	80	81	80	81	78	78	79	76	74	77	78	79	79	79	80	81	79	80	78	79	80	77	78	77	76	76	76	75	76	77	78.2
		MIN	75	75	76	74	75	74	73	74	74	72	72	74	74	74	74	75	76	76	76	75	75	75	75	73	72	72	72	72	72	73	75	74.0
	20	6PM	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	72	72	72	72	72	72	72	72	72	71	71	71	71	71	71	71	71.3
GLASGOW WKAY	4	MAX	80	82	82	82	82	81	81	81	77	77	77	77	77	78	78	79	79	80	80	79	79	78	78	77	76	76	76	77	77	77	77	78.6
		MIN	76	78	79	79	79	77	76	77	76	76	76	76	76	76	76	75	77	77	77	77	77	76	75	74	72	73	73	71	73	74	75	75.7
	20	6PM	74	75	75	75	75	75	75	75	75	74	74	74	74	74	74	74	74	75	75	75	75	75	75	74	74	74	73	73	73	74	74	74.4
GREENVILLE 2 W	4	MAX	86	87	88	86	83	84	85	-	-	-	-	-	-	-	-	-	89	85	83	84	83	84	83	82	82	83	83	83	84	83	83	84.9
		MIN	80	80	82	80	81	78	77	-	-	-	-	-	-	-	-	-	78	80	78	79	79	78	78	76	75	76	77	77	78	79	78	78.4
	20	5PM	75	75	76	76	77	76	77	-	-	-	-	-	-	-	-	-	77	76	77	76	76	76	76	76	75	75	75	75	75	70	75	75.5
HENDERSON 7 SSW	4	MAX	83	83	84	84	84	81	82	81	79	78	78	78	79	80	80	81	80	80	79	79	80	81	79	80	77	78	77	76	77	78	78	79.8
		MIN	80	80	83	81	81	79	79	79	78	78	77	77	77	78	78	79	78	78	79	79	79	78	78	75	74	74	74	74	75	77	77	77.9
	20	6PM	76	76	76	77	77	76	76	76	76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	74	73	73	73	73	74	74	75.0
IRVINGTON	4	MAX	81	83	80	82	81	79	79	79	74	75	75	75	76	77	78	79	80	79	79	79	78	78	78	78	75	74	75	75	76	78	78	77.8
		MIN	78	78	78	78	76	73	73	74	74	73	73	74	73	73	74	75	76	77	74	75	75	74	76	71	70	70	70	70	72	74	76	74.1
	20	4PM	72	72	73	72	72	72	72	72	71	71	71	71	71	71	71	71	71	71	71	72	72	72	72	71	71	70	70	70	70	71	71	71.3
LEXINGTON CAMPUS FARM																																			
(BARE GROUND)	1	MAX	90	93	88	90	85	87	89	83	78	78	83	81	85	88	91	90	95	94	99	93	101	95	88	93	95	99	100	100	100	95	84	90.6
		MIN	76	73	74	68	69	69	68	70	70	70	66	70	67	68	70	72	73	73	70	72	69	71	69	62	63	65	66	66	69	73	72	69.5
	2	MAX	88	91	85	87	83	85	86	81	77	76	81	80	83	85	88	87	91	89	93	89	95	91	85	89	90	93	94	93	94	89	82	87.1
		MIN	78	75	76	70	71	71	70	72	71	71	68	72	69	69	71	73	75	74	72	73	72	72	71	65	66	67	69	69	71	75	73	71.3
	4	MAX	85	88	83	83	81	83	84	80	76	75	79	78	79	82	84	84	86	84	87	84	88	86	81	83	84	85	86	86	87	84	80	83.1
		MIN	79	76	77	73	72	72	72	73	73	72	69	72	70	71	73	74	76	76	74	75	74	75	74	68	69	70	71	72	73	76	75	73.1
	8	MAX	82	83	80	79	78	79	80	77	76	74	76	76	76	78	79	80	81	80	81	80	82	81	78	78	78	80	80	81	81	80	78	79.1
		MIN	79	77	78	75	74	74	74	75	74	73	71	73	72	72	74	75	76	76	76	76	75	76	75	72	72	72	73	74	75	77	76	74.5
(SOD)	1	MAX	83	84	81	83	81	81	81	78	76	75	79	78	79	81	82	82	82	81	83	82	84	82	80	78	78	80	82	82	83	82	80	80.7
		MIN	77	75	75	74	74	74	73	73	73	73	71	74	72	72	73	74	75	76	75	76	74	74	75	70	69	69	70	70	72	74	76	73.3
	2	MAX	82	83	81	83	80	81	80	78	76	75	78	78	78	80	82	81	81	81	82	81	83	81	79	78	78	79	80	81	82	81	79	80.1
		MIN	77	76	76	74	75	74	73	74	73	73	71	74	72	73	74	75	76	76	76	76	75	74	75	71	70	70	71	71	72	75	76	73.8
	4	MAX	81	82	80	81	79	80	79	77	75	75	77	77	77	79	80	80	80	80	81	80	81	80	78	77	77	78	79	79	80	80	79	79.0
		MIN	77	76	76	75	75	74	74	74	74	73	72	74	73	73	74	75	76	76	76	76	75	75	75	72	71	71	72	72	73	75	76	74.2
	8	MAX	79	79	78	78	78	78	77	76	76	75	75	75	76	77	77	78	78	77	78	78	79	78	77	76	75	76	76	76	77	78	77	77.0
		MIN	77	76	76	76	76	75	75	75	74	74	73	74	73	74	75	75	76	76	76	76	76	76	76	74	73	73	73	73	74	75	76	74.9
	20	7PM	74	74	74	74	74	74	74	74	73	73	73	73	73	73	73	73	74	74	74	74	74	74	74	74	73	73	73	73	73	73	74	73.5
	40	7PM	70	70	70	70	71	71	71	71	71	71	70	70	70	70	70	70	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	70.6

DAILY SOIL TEMPERATURES

CONTINUED

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAYFIELD RADIO WNGO	4	MAX	88	87	87	87	88	84	87	83	83	87	83	81	82	84	84	86	84	84	86	85	87	84	82	84	83	82	81	81	-	82	83	84.3
		MIN	82	82	82	82	62	82	82	81	79	78	79	79	78	78	79	79	79	78	82	80	81	80	80	77	74	76	76	76	-	80	79	79.4
	20	5PM	78	78	79	79	80	79	80	-	77	77	77	77	77	77	77	82	78	78	78	78	78	77	78	78	77	77	76	77	-	79	79	78.0
PRINCETON 1 SE	4	MAX	86	87	85	85	85	82	82	82	79	78	79	78	78	79	80	81	81	81	81	81	82	80	80	80	80	79	77	78	78	78	80	80.7
		MIN	79	80	82	80	81	79	80	79	77	78	78	76	77	77	78	79	80	79	79	79	79	79	79	79	79	75	75	75	77	78	78	78.5
	20	5PM	75	75	76	76	76	76	76	76	75	75	75	75	75	75	75	75	75	75	76	76	76	76	76	75	74	74	74	74	74	74	74	75.1
QUICKSAND	4	MAX	84	84	85	83	83	-	83	83	80	76	76	77	77	78	80	80	81	82	83	81	81	81	81	78	77	78	78	79	80	80	80	80.3
		MIN	78	78	77	78	76	-	75	76	76	74	72	74	74	74	75	77	77	77	78	77	77	76	77	75	73	74	74	74	75	76	75	75.6
	20	4PM	77	77	77	78	76	-	77	77	76	76	75	75	75	75	75	76	76	76	76	76	77	77	77	76	76	76	75	76	76	77	77	76.2
SANDY HOOK 4 NW	4	MAX	84	83	83	81	82	81	81	82	78	75	73	82	78	80	81	81	80	82	84	83	84	84	80	78	78	79	79	79	80	80	80	80.7
		MIN	77	76	76	74	74	73	72	74	75	73	72	75	74	73	73	74	74	75	75	75	76	74	76	70	70	71	71	71	71	75	75	73.7
	20	6PM	72	72	72	72	72	72	71	72	72	71	70	70	70	70	70	71	71	72	72	72	71	72	72	71	70	70	70	70	70	70	70	71.0
SOMERSET 2 N	1	MAX	87	88	88	86	86	86	85	85	77	76	77	77	81	82	84	85	84	84	84	84	83	83	82	82	83	81	82	82	81	82	83	82.9
		MIN	77	78	77	76	75	75	74	75	71	72	71	74	72	73	74	75	76	77	77	77	77	76	77	73	72	73	72	73	74	75	76	74.6
	4	MAX	85	86	86	85	84	83	83	83	76	75	76	76	78	80	81	82	82	82	82	82	81	81	81	80	79	79	80	80	80	81	82	81.0
		MIN	77	78	78	77	75	75	75	75	71	72	72	73	72	74	74	75	76	77	77	77	77	76	78	74	73	73	73	73	74	75	75	74.9
	20	6PM	77	78	78	79	78	78	78	78	76	75	75	75	75	75	76	77	77	77	77	78	78	78	78	78	77	77	77	77	77	77	76	77.0
WILLIAMSTOWN 3 NW	4	MAX	77	77	77	76	76	75	75	75	75	74	74	74	74	75	75	76	76	77	76	77	77	77	76	76	76	75	75	75	75	75	76	75.6
		MIN	76	75	75	73	74	73	73	73	74	73	72	73	73	73	74	74	75	76	75	75	75	75	75	73	72	72	72	73	73	74	75	73.6
	20	6PM	71	71	71	71	71	71	71	71	70	70	70	70	70	70	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	70.7

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER. FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	[illegible]	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	[illegible]	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	[illegible]	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	[illegible]	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		N	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DAYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	[illegible]	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	[illegible]	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA N. NEWKIRK
CLINTON	1631	01	HICKMAN	[illegible]	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C MJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA N. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C M	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	430		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK N. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		N	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	[illegible]	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	[illegible]	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	[illegible]	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14 R	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C MJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		N	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C M	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C M	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		M	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAN
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTHILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		N	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		M	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A			CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT R	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		M	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		7A			EUGENE HOUCHENS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	[illegible]	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	92[illegible]	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 9/30/70-870

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
SEPTEMBER 1970
Volume 65 No. 9

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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	86.1	62.5	74.3		96	7	42	28	21	13	0	0	0	4.81		2.95	19	.0	0		6	2	1
BEAVER DAM	86.7	63.1	74.9		94	21+	39	29	24	14	0	0	0	2.46		.94	25	.0	0		3	3	0
FORDS FERRY DAM 50	85.3	65.7	75.5		95	7	46	28	17	10	0	0	0	2.85	- .18	1.40	27	.0	0		5	2	1
GILBERTSVILLE KY DAM	88.3	67.6M	78.0M		98	7+	47	27	7	16	0	0	0	2.46		.83	26	.0	0		7	2	0
GOLDEN POND 8 N	M	64.7	M		96	8	47	29+			0	0	0	3.15		1.00	27	.0	0		6	4	1
GREENVILLE 2 W	87.6	63.5	75.6	5.5	98	1	41	28	23	14	0	0	0	2.28	- .66	1.62	26	.0	0		3	1	1
HENDERSON 7 SSW	85.9	64.6	75.3	4.6	95	7	44	28	17	12	0	0	0	4.24	1.26	1.21	20	.0	0		8	4	1
HICKMAN 1 E	86.5	64.0	75.3		94	7	46	29+	18	15	0	0	0	4.95		3.04	19	.0	0		6	2	1
HOPKINSVILLE	87.8	63.3	75.6	4.4	95	8	44	29	18	18	0	0	0	1.22	- 1.78	.47	27	.0	0		3	0	0
LOVELACEVILLE	86.0	62.9	74.5	3.1	95	7	42	28	20	12	0	0	0	3.86	.78	1.87	19	.0	0		5	3	1
MADISONVILLE 1 SE	87.5	63.3	75.4		96	21	43	29+	19	15	0	0	0	.91		.45	27	.0	0		2	0	0
MAYFIELD RADIO WNGO	85.2	61.9	73.6		92	17+	40	28	27	9	0	0	0	3.47		2.21	19	.0	0		5	2	1
MURRAY	86.5	64.9	75.7	4.2	96	7+	46	29	19	15	0	0	0	4.50	1.41	2.10	19	.0	0		7	3	1
OWENSBORO 2 W	87.3	62.7	75.0	4.8	95	8	42	28	16	15	0	0	0	2.99	- .06	.90	2	.0	0		7	2	0
PADUCAH FAA AIRPORT	84.8	64.5	74.7		94	7	45	29	16	9	0	0	0	3.27		1.20	19	.0	0		6	2	1
PADUCAH SEWAGE PLANT	86.7	64.8	75.8		96	8	45	30+	18	15	0	0	0	2.67	- .45	.96	20	.0	0		5	2	0
PRINCETON 1 SE	86.6	63.9	75.3	4.3	95	7	43	28	20	13	0	0	0	2.78	- .11	1.73	20	.0	0		5	1	1
ROCHESTER LOCK 3	85.9M	63.4M	74.7M		92	9	41	29	34		0	0	0	2.00				.0	0				0
RUSSELLVILLE	87.1	64.2	75.7	5.2	95	9+	40	29	27	16	0	0	0	2.51	- .90	1.30	27	.0	0		5	2	1
DIVISION			75.3	4.5										3.02	- .04			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	84.2	63.3	73.8	5.4	91	16	39	29	26	5	0	0	0	3.81	.80	1.60	25	.0	0		8	2	1
BARDSTOWN	86.2	62.4	74.3		95	8	37	29	22	11	0	0	0	4.91		1.95	25	.0	0		8	2	2
BARREN RIVER RESERVOIR	86.3	64.2	75.3		94	3	40	30+	29	13	0	0	0	4.79		2.72	10	.0	0		5	2	2
BERNHEIM FOREST	86.6	62.9	74.8		93	17+	38	29	24	12	0	0	0	6.30		3.04	25	.0	0		7	3	2
BOWLING GREEN FAA AP	86.6	64.7	75.7	4.3	98	7	42	29	21	14	0	0	0	2.58	- .49	.67	18	.0	0		5	3	0
BRADFORDSVILLE	84.8	62.3	73.6		91	23+	37	29	29	5	0	0	0	8.05		2.40	25	.0	0		8	5	2
CAMPBELLSVILLE 2 SSW	84.6	63.7	74.2		91	8	46	29	14	6	0	0	0	8.40		2.28	25	.0	0		8	6	4
CECILIA	85.0	62.3	73.7	4.4	92	8	40	29	21	8	0	0	0	7.17	4.43	2.76	25	.0	0		7	3	3
GLASGOW WKAY	84.3	63.4	73.9		93	8	39	29	25	4	0	0	0	6.00		2.02	9	.0	0		8	4	2
GREENSBURG	86.1	62.3	74.2	4.5	94	9	41	30+	27	12	0	0	0	7.70	4.52	1.77	1	.0	0		9	7	3
HODGENVILLE-LINCOLN NP	85.9	63.3	74.6		92	21+	41	29	18	10	0	0	0	4.81		1.37	21	.0	0		6	4	2
IRVINGTON	85.7	62.4	74.1	4.0	92	16+	39	29+	23	11	0	0	0	2.94	.10	.82	18	.0	0		6	3	0
LEITCHFIELD 2 N	85.9	63.3	74.6	4.2	95	8	41	29	22	12	0	0	0	3.81	.84	.98	25	.0	0		8	3	0
LOUISVILLE	85.6	66.3	76.0		94	23	47	29	15	9	0	0	0	4.32		1.52	25	.0	0		9	3	1
LOUISVILLE WB AP R	82.9	63.9	73.4	3.9	91	21	42	29	23	4	0	0	0	3.57	.94	1.09	25	.0	0		7	3	1
MAMMOTH CAVE PARK	85.1	63.0	74.1		92	8	38	29	26	8	0	0	0	8.16		2.00	18	.0	0		10	6	3
NOLIN RIVER RESERVOIR	86.3	61.1	73.7		94	9	40	30+	29	13	0	0	0	4.18		1.06	19	.0	0		7	4	1
ROUGH RIVER DAM	86.5	61.7	74.1		95	8	40	29	28	13	0	0	0	2.81		1.08	25	.0	0		7	2	1
SCOTTSVILLE 3 SSW	84.5	65.4	75.0		93	2	42	29	18	5	0	0	0	4.36		.89	18	.0	0		8	4	0
SUMMER SHADE	83.4	63.5	73.5		90	8+	40	29	23	2	0	0	0	10.82		6.45	9	.0	0		9	5	2
WOLF CREEK DAM	85.0	59.5	72.3		90	24+	41	29	27	6	0	0	0	6.99		1.43	26	.0	0		9	6	3
DIVISION			74.2	4.2										5.55	2.52			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	86.6M	64.6M	75.6M	5.8	97	15	41	29	11	8	0	0	0	4.85	2.03	1.50	27	.0	0		8	4	1
CARROLLTON LOCK 1	83.9	62.2	73.1		90	24+	40	29	29	3	0	0	0	3.57	.74	.70	27	.0	0		8	3	0
COVINGTON WB AIRPORT R	84.6	62.7	73.7	6.5	94	21	39	29	28	9	0	0	0	3.87	1.04	.74	26	.0	0		9	3	0
CYNTHIANA 2	86.6	57.8	72.2		95	22+	36	30+	40	13	0	0	0	4.61		1.87	27	.0	0		5	3	2
DANVILLE	83.5	62.3	72.9		92	1	41	30+	29	3	0	0	0	6.03	2.96	1.92	8	.0	0		8	4	3
DIX DAM	84.4	62.9	73.7		90	22+	40	29	17	4	0	0	0	7.18		1.47	9	.0	0				
FALMOUTH 5 WNW	86.0	57.6	71.8		95	16	32	29	44	11	0	1	0	4.00	1.09	1.18	26	.0	0		5	4	2
FARMERS 1 WNW	84.1	60.2	72.2	4.1	90	16	40	29	34	1	0	0	0	5.63	2.55	1.11	21	.0	0		9	6	2
FLEMINGSBURG 1 SW	83.6	60.9	72.3		90	22+	36	29	34	6	0	0	0	4.23		1.92	9	.0	0		5	4	1
FRANKFORT LOCK 4	84.0	60.2	72.1	2.6	92	17	40	29	30	7	0	0	0	8.11	5.40	3.32	7	.0	0		10	6	2
LEXINGTON WB AIRPORT R	82.6	62.7	72.7	3.4	90	21+	38	29	31	3	0	0	0	5.71	2.91	2.96	25	.0	0		7	3	1
MAYSVILLE SEWAGE PLANT	85.2	58.2	71.7	3.6	94	23+	34	30	38	10	0	0	0	4.31	1.19	1.58	27	.0	0		7	2	2
MOUNT STERLING	83.1	63.0	73.1		90	15	40	29	24	1	0	0	0	2.91	- .07	1.00	9	.0	0		8	2	1
OWENTON	83.0	61.6	72.3		90	24+	39	29	36	5	0	0	0	4.61		.92	8	.0	0		8	5	0
RICHMOND	83.5	62.0	72.8		90	23+	39	29	32	2	0	0	0	5.19		1.40	1	.0	0		7	4	4
SHELBYVILLE	82.6	60.7	71.7	2.0	89	22+	34	30	36	0	0	0	0	5.38	2.43	1.07	8	.0	0		10	5	2
WARSAW MARKLAND DAM	83.7	58.5	71.1	2.2	90	24+	32	30	41	5	0	1	0	4.53	1.66	1.24	8	.0	0		8	3	1
WAYNESBURG 7 NE	81.5	62.1M	71.8M		88	22+			26	0	0	0	0	3.97		1.59	27	.0	0		8	4	1
WILLIAMSTOWN 3 NW	84.1	61.7	72.9	3.4	93	16	37	29	31	7	0	0	0	2.76	- .35	1.10	25	.0	0		7	1	1
DIVISION			72.6	3.2										4.81	1.87			.0					
* * *																							
EASTERN 04																							
ASHLAND	83.7	58.1	70.9	1.0	93	16	38	30+	42	7	0	0	0	2.95	.14	.80	27	.0	0		7	2	0
BARBOURVILLE	84.3	61.2	72.8		90	16	41	30	28	1	0	0	0	7.03		2.38	1	.0	0		8	5	3
BAXTER	82.9	60.9	71.9		90	17+	41	30+	30	2	0	0	0	5.10		1.52	9	.0	0		7	4	2
BLAINE	84.6	56.8	70.7		93	17	37	30+	36	5	0	0	0	5.10		1.24	26	.0	0		7	6	2
CUMBERLAND																							

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 121

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	83.3	60.4	71.9		92	16	43	30+	30	5	0	0	0	4.36		1.00	5	.0	0		7	4	1
GRAYSON 5 SE	84.9	56.2	70.6		94	17+	35	30+	45	8	0	0	0	2.28		.60	27	.0	0		7	1	0
HEIDELBERG LOCK 14	83.3	61.1	72.2		89	22+	38	29	28	0	0	0	0	4.81	2.03	1.90	1	.0	0		7	4	1
HINDMAN 11 NNE	82.9	59.4	71.2		90	18	39	29	32	1	0	0	0	6.30		1.85	27	.0	0		9	6	2
HYDEN	82.8M	60.8M	71.8M				42	30+	23		0	0	0	5.00		1.50	9	.0	0		8	4	2
JACKSON	85.7	61.3	73.5		93	24+	41	30+	29	12	0	0	0	6.65		1.82	1	.0	0		9	3	3
LONDON FAA AP	82.0	61.3	71.7		88	21	38	29	27	0	0	0	0	4.94		1.93	18	.0	0		9	3	1
MANCHESTER 4 SE	83.4	61.2	72.3		89	16	41	29	20	0	0	0	0	6.22		1.58	1	.0	0		9	4	3
MC KEE	81.1	57.8	69.5		88	22+	36	30+	47	0	0	0	0	5.74		2.15	1	.0	0		6	4	2
MIDDLESBORO	83.6	60.0	71.8		90	16	40	30	29	1	0	0	0	3.43		1.87	1	.0	0		7	2	1
MONTICELLO	84.8	62.5	73.7		90	21+	38	29	15	3	0	0	0	5.69		1.42	1	.0	0		10	6	1
MOUNT VERNON	84.3	62.1	73.2		90	22+	37	30+	29	2	0	0	0	3.28		.90	27	.0	0		5	3	0
PIKEVILLE	86.3	63.4	74.9		95	15	44	30	14	12	0	0	0	6.12	3.08	2.83	20	.0	0		6	4	2
SOMERSET 2 N	83.7	59.8	71.8		89	21+	35	29	24	0	0	0	0	6.49		1.92	18	.0	0		8	4	3
STEARNS																							
TOMAHAWK 1 WSW	82.4	57.7	70.1		91	16	38	30+	39	2	0	0	0	4.72		1.40	21	.0	0		9	4	1
VANCEBURG	85.2	58.6	71.9		91	23+	36	29	32	11	0	0	0	4.88	2.18	1.38	9	.0	0		8	4	2
WEST LIBERTY	83.1	56.3	69.7		91	16	38	30+	38	4	0	0	0	6.07		2.18	19	.0	0		7	4	2
WILLIAMSBURG 1 E	83.9	63.2	73.6	3.4	89	25+	42	29	18	0	0	0	0	6.10	3.41	1.71	1	.0	0		10	5	2
DIVISION			71.9	2.5										5.15	2.34			.0					

EXTREMES

HIGHEST TEMPERATURE 3 STATIONS	98	DATE	07+
LOWEST TEMPERATURE 2 STATIONS	32	DATE	30+
GREATEST TOTAL PRECIPITATION SUMMER SHADE	10.82		
LEAST TOTAL PRECIPITATION DUNMOR	.67		
GREATEST 1 DAY PRECIPITATION SUMMER SHADE	6.45	DATE	09

See Reference Notes Following Station Index

KENTUCKY - SEPTEMBER 1970

SPECIAL WEATHER SUMMARY

Unseasonably warm and humid weather continued until the last several days of the month as high pressure to the east provided southerly winds and warm, moist air. Over much of Kentucky it was the warmest September since the 1950's, and in portions of the west it was the warmest September since the 1930's. At Greenville it was the warmest September since 1933. Rainfall was summerlike in pattern, showers falling on some part of the State practically every day until the last 3 days, which were fair. Records indicate that a number of locations had from two to more than three times the average number of September thunderstorms. Rain was spotty in this shower activity; there were heavy downpours at some locations and at other points there was little or no rainfall for extended periods. For the month as a whole rainfall ranged from moderate to heavy over the greater portion of Kentucky, but totals were light in some sections, especially in the west; Dunmor and Madisonville 1 SE measured less than an inch. Greatest totals tended to be over portions of the south-central and Blue Grass areas, ranging from 5 to more than 10 inches at a number of locations.

Most days of the month were above average in temperature and humidity. However, high pressure to the east finally weakened and allowed a cold front to sweep through the State on the 26th, followed by much cooler and drier air. On the 29th early morning readings were in the thirties in some parts of the State. In the northern Blue Grass a reading of 32° was recorded at Falmouth on the 29th; and at Warsaw Markland Dam on the 30th.

There was considerable storm activity during the month, with seven reported injuries due to weather, but no reports of fatalities. Three persons were injured by lightning in south-central Kentucky (Metcalfe County) on the 8th. Two persons were injured by lightning in Jefferson County (north-central) on the 21st. Two persons received minor injuries on the 9th when a tornado destroyed their mobile home in Metcalfe County. Lightning was responsible for the burning of a number of homes and farm buildings during the month. Locally heavy rains were responsible for some flash flooding at scattered locations on several dates, some of the heavier flash flooding being on the 7th and 8th (Blue Grass), 9th (south-central, Summer Shade area), and 25th (Blue Grass). High winds, heavy rains, and lightning were responsible for damage in at least one portion of the Blue Grass (LaGrange area, Oldham County) on the 22d. The National Weather Service cooperative observer at LaGrange reported 1.74 inches of rainfall in 1/2 hour; high winds, and variety of damage due to wind, rain, and lightning.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issue of STORM DATA.

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	4.81			T	.32					.04	.21								.51	2.95	T			.04	.49		.24	.01				
BEAVER DAM	2.46	.92					T												.04							.94	.56					
CALHOUN LOCK 2	1.28	.16		.15	.06	.04		T			T	T			T					.32	.05	T					T	.50				
COBB	2.26				.10						.32									.92						.45		.47				
DAWSON SPRINGS	1.82	T	T								.07								T	.03	.33	.26			T	.54	T	.59				
DUNDEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNMOR	.67				.06					.02										.20						T	.17	.22				
ELKTON 2 S	1.47	.14			.11	.03			T	.05		T								.35	.02					.04	.23	.50				
FORDS FERRY DAM 50	2.85			.03		.12					.08									.24	.85					.13	T	1.40				
FRANKLIN 1 E	2.67									.08	.25								.21	.47		.11				.43		1.12				
GILBERTSVILLE KY DAM	2.46	T		.10	.20					T	.14								.26	.76	.13				.03		.83	.01				
GOLDEN POND 8 N	3.15									.55	.30									.20	.60					.50		1.00				
GREENVILLE 2 W	2.28									.17									.05	.02					.04	.31	1.62	.07				
HARTFORD 6 NW	2.59	.31		.52	T	T		T				T								.34			.22	T		.12	.02	1.06				
HENDERSON 7 SSW	4.24	.35	.25	T	.11					.03	.10			.72					.61		1.21				.06		.77	.03				
HICKMAN 1 E	4.95			.47					.21	T	.05		.02						.16	3.04	.06	T		.27	.54	.06	.03	.04				
HOPKINSVILLE	1.22	T			.17	.02				.06	T									.35	.06	.03				.06	T	.47				
LOVELACEVILLE	3.86				.74						.05								.51	1.87					.47		.22					
MADISONVILLE 1 SE	.91										.05										.07					.34		.45				
MAYFIELD RADIO WNGO	3.47									.30	.52									2.21	.09	.11			.06		.18	T				
MURRAY	4.50			.11	.08	.04				.41	.07		.10						.19	2.10					.68		.69	.03				
OWENSBORO 2 W	2.99	.38	.90	.07		.10					.10				.04					.73						.35		.32				
OWENSBORO DAM 46	2.43	.25	.22	.01	.03	.07		.05		.18	.02				.58					.31	.09					.32	.02	.28				
PADUCAH FAA AIRPORT	3.27	T		T	.69					.01	.32								.37	1.20	T			T	.33	T	.35					
PADUCAH SEWAGE PLANT	2.67				T	.41					.41	T								.52	.96				T	.05	T	.32				
PARADISE STEAM PLANT R	.96	.10				.07		T												T		.19				T	.07	.53				
PRINCETON 1 SE	2.78	.01		T	.13		T			.02	.10								.08	.07	1.73				.22		.40	.02				
ROCHESTER LOCK 3	2.00		.10		.08	.31				.16										*	.72					T		.63				
RUSSELLVILLE	2.51	.03			.10					.30			T						.10	.65	T					.03		1.30				
SEBREE	2.27	.05	.02	T	.07	.03					T				T				.95		.38					.17		.60				
UNIONTOWN DAM 49 //	4.88	1.95	.04	.03		.13					.14	T			.24					.66	1.28					.01		.40				
* * * CENTRAL 02																																
ADDISON DAM 45 //	3.75	.12	.03		.12	.07				.20					.36					1.36				.08		.33	.12	.96				
ALBANY 4 N	6.56	1.67	.08						.37	.05	.40									.76	.80	1.29				.32		.82				
ANCHORAGE	3.81				.36			.03		T					.25	T			.12			.56		.48	T	1.60	.21	.20				
BARDSTOWN	4.91	.28		.25				.03		.20									1.15			.21				1.95	.45	.39				
BARREN RIVER RESERVOIR	4.79				T					.07	2.72								.07	.47	T	T				.14	.18	1.14				
BERNHEIM FOREST	6.30	.18	.04	.12	T				.03	.02	T				.11				1.92			.07				3.04	.21	.56				
BOWLING GREEN	3.71				.12					.40	.58									1.05						.21		1.35				
BOWLING GREEN FAA AP	2.58			.01	.08		T		T	.65			T					.05	.67	.07					.32	.02	.55	.16				
BRADFORDSVILLE	8.05	1.91							.84	.30	.98				.05					.20						2.40	.45	.92				
BROWNSVILLE	2.43	.02	.36		.06	.02				.32	.21									.29	T					.25	.22	.68				
BURKESVILLE 2 W	-		.13		.15				.08	.38	.74								.27	.30	.06	.87				*	.92	-				
CAMPBELLSVILLE 2 SSW	8.40	1.30	.01	T	.15			.96		1.90	.01				.12			T	.61	T	.06				T	2.28	T	1.00				
CANEYVILLE	3.10	.75	.22		.13										.24					.41	.18	.09					.45	.63				
CECILIA	7.17	.31		.10											.21			T	1.75			1.73			T	2.76	.31					
EDMONTON	4.26	.06						.05		.82	.10								.85	.28		.82				.54		.74				
GAMALIEL 1 S	5.40	T	T		.30	.07			.04		.29								T	.53	.13	.41				.37	2.35	.91	T			
GLASGOW	6.13		.89					.10		.10	1.35								.02	.35	.36	.15				1.16		1.65				
GLASGOW WKAY	6.00	.48			T					2.02								.02	.44	.25	.16				.05	.84	1.22	.52				
GLENDALE 1 E	5.69	.43	.10		.07				.20						.29					.68			.75			.25	2.25	.67				
GREENSBURG	7.70	1.77	.01						.55	.75	.76	.01							.01	1.69	.22					.61	.32	1.00				
GREENSBURG HIWAY 61	7.53	2.32							.67	1.02	.16								.02	1.31	.18					.74	.10	1.01				
HODGENVILLE-LINCOLN NP	4.81	.62		.30				T		.07	.06				T				.23		.03	1.37				1.32	.08	.73				
IRVINGTON	2.94	.64	.01		.01					.24					.29				.82							.64		.29				
LEITCHFIELD 2 N	3.81	.53			.15	T					.02				.28				T	.64	.01	.43	.02		T	.98	.27	.48				
LIBERTY	5.91	1.62			.07	.09			.41	.52	.47								.06	.33	.43						.43	1.48				
LOUISVILLE	4.32			.10	.35			T							.72	.04			.25			.10		.27		1.52	.77	.20				
LOUISVILLE WB AP R	3.57		.01	.67	.03		.01	T		T				.37	.05				.16			.31	.12		T	1.09	.67	.08				
LOUISVILLE UPPER GAGE	3.67			.01	.63	T		T							.10	T				.17	T		T	.30		.75	.71	1.00				
MAMMOTH CAVE PARK	8.16	1.14	.06	.43	.12					.82					.03				2.00	.42		1.02				.94	.42	.76				
MILLERSTOWN	3.17	*	*	*	*	*	*	*	*	*	*	*	*	*	1.18					.79						.14	.27	.79				
MUNFORDVILLE	6.98	.01	.20		.42					1.80	.10				.03					1.44	.19	.01				.59	.04	2.15				
NOLIN RIVER RESERVOIR	4.18	.85			.29	.17				.09					.01					1.06						.10	.90	.71				
ROUGH RIVER DAM	2.81	.12	T			T		T				T			.38					.25	T		.58			1.08	.10	.30				
SCOTTSVILLE 3 SSW	4.36	.34		.02						.88								.52	.89	.34		.02			.35	.25	.07	.68				
SCOTTSVILLE 2 SW	2.47		T		T	.02				T	.95								.48	.07	.20					.10		.65				
SHEPHERDSVILLE	3.10	.10	*	*	*	*	*	*	*	*	*	*	*	*	.73					*	*	*	*	*	*	*	1.55	.72				
SUMMER SHADE	10.82	1.07			.05			.30		6.45								.57	.95		.15				T	.38	.38	.52				
WOLF CREEK DAM	6.99	.92	.18		.18				.70	.02	1.23									1.33	.16					.02	1.45	.80				
WOODBURY LOCK 4	1.57		.01		.17					.11	.01									.37						T	.05	.85				
* * * BLUE GRASS 03																																
BEREA COLLEGE	4.85	.30			.10		.80			.05									.86	.14		.09				.47	.54	1.50				
BEREA	5.66	2.38			.13			T	.02	.07									.04	1.01		.08					.82	1.07	.04			
CARROLLTON LOCK 1	3.57		T	.06	.30	.50		.35	.65	.06					.02	.20				.09			T	.12		.47	.05	.70				
COVINGTON WB AIRPORT R	3.87		T	.30	.14	.01	T	.11	.54					.05	.02				.18			.09	.42	T	.47	.72	.74	.08				
CYNTHIANA	4.29			.11	.39	.07		.01	.05											T			.04			.93	.82	1.87				
CYNTHIANA 2	4.61			.14	.44	.05		.02												.08						1.15	.86	1.87				
DANVILLE	6.03	1.09						.48	1.92	.20	.03								.07	.35	.24						.65	1.00				
DIX DAM	7.18	.75		.22	.31	*	*	1.03	.14	1.47	.67				T					*	.92					.34		1.33				
FALMOUTH 5 WNW	4.00				.67	.29		.02	T						.02	.02										.72	1.18	1.08				
FARMERS 1 WNW	5.63	.12				.90		T		1.03	.62	.10								.28		1.11					.59	.85	.03			
FLEMINGSBURG	5.33				.49	.32				2.85	.02									.05							.68	.90	.02			
FLEMINGSBURG 1 SW	4.23			.01	.68			T		1.92									.05		T					.68	.26	.63				
FORD LOCK 10	5.64	1.81		.05		.17		T	.06		.14	T							T	.13	.90	.08				T	1.54	.76				
FRANKFORT LOCK 4	8.11	.18		.73	.33	.15		3.32	.66	T										.15			T			1.08	.63	.88				
GEORGETOWN WATER WORKS	7.54			.07	.32	.37															.10		.80			1.77	1.50	2.61				
GEST LOCK 3	5.16			.07	.62	.22		1.15	.36			T			.10					.04			.14			.93	.70	.83				
HIGH BRIDGE LOCK 7	7.48	1.29		.02	.03	.02		.21	.96	.42	.88									.51	.20					.68	.64	1.62				
KEENE 1 SSW	5.46	.51	.53	T					.51	.47	.04									.20						.94	.26	2.00				
LA GRANGE 1 ESE	5.26		.53	.02	.47	.33		.44							.55				.06	T		.09		1.74	T	.49	.34	.20				
LANCASTER	6.59	.91			*	*	*	*	1.21	.67	.09									.56				.54		*	*	2.61				
LEXINGTON WB AIRPORT R	5.71	T	.07	.03	.01	.12		.35	T	.20									.60		T	T			T	2.96	.94	.43				
LITTLE HICKMAN LOCK 8	5.85	.72		.68	.31	T			.40	.76	.32	T							.09	.40	.85						.41	.91				
LOCKPORT LOCK 2	7.66			.07	.74	.27		3.20	.97						.11					T			.11			.76	.69	.74				
MAYSVILLE SEWAGE PLANT	4.31				.38	.10		T		.22					T	T				.21		T				1.40	.42	1.58				
MIDWAY	7.35			.29	.22	.67		.12	.58		.39									.22			.09			1.58	2.00	1.19				
MOUNT STERLING	2.91			T	.03	T		.04	.21	1.00	.12								.24		.16					.32	.19	.60				
OWENTON	4.61			.02	.61	.22		.90	.92						.20					T			T			.55	.47	.74				
RICHMOND	5.19	1.40		T	.12				.05	1.21									.04	.27	.10			T			1.00	1.00				
SALVISA LOCK 6	5.34	.20		.42	.06			T	1.54	T	.06									.46	.02					1.04	.52	1.02				
SHELBYVILLE	5.38			.37	.90	.16			1.07						.11					.16			.12			.74	1.05	.70				
SPRINGFIELD	4.82	.46							.85	.85	.18									.52						.94		1.02				
TAYLORSVILLE	6.22	.10			.26	.12			.86						.33					.72			.38			1.50	.86	1.09				
TYRONE LOCK 5	8.85	.12		.55	.08	T		.52	1.27	.05	.60				.02					.45			.12			1.49	2.15	1.43				
VALLEY VIEW LOCK 9	5.04	1.04		.07	.09	.02		T	.20	.06	.35	T				T			.01	.20	.63	.03		T		T	1.40	.94	T			
WARSAW MARKLAND DAM	4.53			.04	.45	.64		.30	1.24	.03					.04	.41								.05		.35	.26	.70	.02			

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.97	.53			.11				.65	.15	.14									.51							.29	1.59	T			.
WILLIAMSTOWN 3 NW	2.76	T	T	.13	.49	.14		.25	T		T					.03			T			T				1.10	.22	.39	.01			.
• • •																																
EASTERN 04																																
ASHLAND	2.95	T			.07	.15				.18		.42							.01	.77		.35					.20	.80				.
BARBOURVILLE	7.03	2.38	.06		.05	.24			.03	1.16	.02	.30								1.30		.71		.08			.02	.56	.12			.
BAXTER	5.10	.43			T	.37		T	T	1.52	.07	.25								.70		1.03		T				.65	.08			.
BLAINE	5.10					.58					1.00									.75		.70		.23			1.24	.60				.
BUCKHORN	6.79	2.13			.10	.60		T	T	1.00	T	.06							T	1.05		T		.65			.25	.95				.
BURDINE 2 NE	4.22	.24		.30	.05	1.25				.25		.25								.25		1.03					.20	.40				.
CLAY CITY 1 WNW	3.51	.48			T			T			.08								.07	.13	.60	T					.68	1.47				.
COLLEGE HILL LOCK 11	4.89	1.76		T	T				T	.68	T					T			.09	.15	.16	T					1.18	.87				.
CUMBERLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
CUMBERLAND FALLS ST PK	7.09	2.60		T				.06	.02	1.12		T								2.00	.17		.15				T	.97				.
DEWEY DAM	4.36	.35			.08	1.00						.10								.90		.85		.07			.15	.86				.
ELKHORN CITY	4.16	.17		T	.75	.56					.04	.34								.25		1.30		.12				.41	.22			.
FISHTRAP RESERVOIR	5.58	.40	T			1.15	.06			.05	.19									.95		1.56					.05	.95	.22			.
FREEBURN 2 SW	5.28	.63				1.20	T			.04	.36		.10							.35		1.33						1.11	.16			.
FRENCHBURG	5.65	.70				.30				.40	.75	.05							*	*	*	2.25					.60	.60				.
GRAYSON 5 SE	2.28	T			.03	.22				.06		T							.13	.46		.32		.11			.32	.60	.03			.
GRAYSON RESERVOIR	1.81	.01				.18				.14	.01	.07							.14	.25		.15					.20	.60	.06			.
HAZARD WATER WORKS	6.10	.90				.74				.95	.14	.35								.85		.34		.27			.04	1.25	.27			.
HEIDELBERG LOCK 14	4.81	1.90			.03			T		.03	.09	.17							T	.56		.60		T			.37	.96	.10			.
HINDMAN 11 NNE	6.30	.54			.11	.90				.80	.25	.51								1.06	.03	.25						1.85				.
HYDEN	5.00	.64			.05	.22				1.50		.22								1.08		.69						.47	.13			.
JACKSON	6.65	1.82			.11	.09		.01		1.35	T	.42							.02	.34		.48		.01			.43	1.40	.17			.
JEREMIAH	3.80	T			.66			.16		.80	.17								.42	T	.26						.63	.70				.
LLOYD GREENUP DAM	3.68				.35	.11				.60		.23				.20				.05		.57			.07		.15	1.23	.12			.
LONDON FAA AP	4.94	.12			.01	.02		.02	.67	.43	.06							T	1.93		.27		.21			.35	.56	.29				.
LOUISA 2	4.73	.05				2.10				.02	T	.39							T	.94		.23		.08			.21	.60	.11			.
MANCHESTER 4 SE	6.22	1.58			.14	.10				1.49	T									1.33		.44		.23			.13	.69	.09			.
MARTIN	4.22	.70			.23	.46				.03										.49		1.20					.33	.32	.46			.
MC KEE	5.74	2.15				.45		.03	.18	.08	.02	T							T	1.15		.07					.81	.76	.04			.
MIDDLESBORO	3.43	1.87		.01	.31			T	.01		.11									.58		.17						.27	.10			.
MONTICELLO	5.69	1.42			.02	.02			.64	.28	.52	.17							.26	.66	.32	.58		.02			.02	.76				.
MOUNT VERNON	3.28	.79		T	.03	.03		.06	.37	.08									.56	.08	T		T			.34	.02	.90				.
ONEIDA	4.98	1.25				.28				.35		.15								1.20		.10		.30			.15	1.20				.
PAINTSVILLE 1 S	5.02	.68			.28	.46														.62	T	.80		.22			.33	1.63				.
PIKEVILLE	6.12			.01	.77	.06				.17	.09								1.02		2.83					.01	.30	.86				.
PINEVILLE 4 NW	3.99	1.39	.21		.11	.14		T		.43	.25	.04								.40		.26		.03				.62	.11			.
RAVENNA LOCK 12	5.81	1.37			.04			.02	.03	.76		.05							.06	1.32	.16	.21		T			.77	1.02				.
SALYERSVILLE 2 SE	5.27	.47			.17	1.13				.08										.97		.70					.06	1.53	.16			.
SOMERSET 2 N	6.49	1.18		.03	.06	.01	.01	1.48	.01	.40									1.92	.10	.32					.13	.06	.77			.01	.
STEARNS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
TILFORD	4.59			.28	.18			T	1.00	1.00									*	*	1.11						*	1.02				.
TOMAHAWK 1 WSW	4.72	.10	.02		.12	.63	T			.21	.05	.50								.49	.03	1.40		.16				.94	.07			.
VANCEBURG	4.88			.15	.25	.20				1.38									.06		.23					.65	.65	1.31				.
WEST LIBERTY	6.07	.05	T		T	.46			T	.68	.45	T								2.18		1.08		.03			.28	.80	.06			.
WILLIAMSBURG 1 E	6.10	1.71				.17		.17		.43	.25									1.33		.57					.61	.76	.10			.
WILLOW LOCK 13	6.21	2.28	T		T	.02				.03		.28							.03	1.21	T	1.20					.58	.58	T			.

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	21	3.5	7.8	25++	27	08	76	81	50	63	3	5	6	3	0	0	17	-	5.5
LEXINGTON WB AIRPORT	20	4.0	8.0	25++	24	25	82	87	54	67	5	3	4	2	0	1	15	-	5.8
LOUISVILLE WB AIRPORT	19	3.3	7.8	32	W	21+	85	88	63	69	3	5	4	2	1	0	15	64	5.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	90	93	87	81	88	94	96	90	89	83	80	86	94	93	92	93	92	87	76	90	90	91	88	80	85	79	66	72	77	81		86.1
	MIN	70	67	73	67	64	70	70	68	64	64	50	53	63	68	60	64	62	65	68	68	71	68	70	66	68	54	45	42	44	50		62.5
BEAVER DAM	MAX	88	92	90	83	87	88	93	92	90	85	78	87	94	92	93	91	91	82	86	91	94	93	93	89	81	85	67	70	76	80		86.7
	MIN	68	69	70	68	66	67	72	71	66	67	51	48	60	68	64	63	63	66	68	67	69	68	70	73	69	66	48	40	39	49		63.1
FORDS FERRY DAM 50	MAX	86	93	87	84	87	89	95	87	89	78	79	88	92	92	91	91	92	75	82	89	91	91	91	83	66	78	69	74	70	81		85.3
	MIN	70	71	72	68	65	72	72	72	66	61	58	57	65	70	69	68	70	70	70	70	75	73	74	70	69	54	49	46	47	57		65.7
GILBERTSVILLE KY DAM	MAX	98	93	92	86	89	95	98	95	88	85	82	88	93	94	91	93	91	90	77	91	91	90	90	88	89	87	69	73	80	84		88.3
	MIN	75	73	73	68	68	75	75	75	69	66	55	58	71	74	71	70	70	70	70	68	75	70	70	72	72	55	47		50	56		67.6
GOLDEN POND 8 N	MAX	91	89	93	90	89	89	90	96																								
	MIN	71	71	71	67	64	66	71	72	67	69	57	58	57	59	65	69	68	68	69	68	68	69	72	72	69	70	49	47	47	51		64.7
GREENVILLE 2 W	MAX	98	92	88	82	89	93	95	94	88	82	80	88	93	92	93	93	90	85	87	92	93	93	93	89	84	84	67	71	76	83		87.6
	MIN	68	69	73	67	65	67	71	72	65	68	53	50	59	69	63	65	62	70	68	65	69	71	71	72	70	60	47	41	42	52		63.5
HENDERSON 7 SSW	MAX	89	91	86	83	87	90	95	88	90	82	78	87	93	92	91	92	92	78	84	89	91	91	91	82	86	79	70	70	78	81		85.9
	MIN	68	71	73	69	64	69	73	72	63	66	51	52	65	68	67	65	68	68	68	69	72	72	72	72	69	56	48	44	45	58		64.6
HICKMAN 1 E	MAX	92	91	86	89	89	91	94	90	90	87	79	86	92	92	91	91	91	88	77	91	90	90	93	80	86	84	64	72	78	82		86.5
	MIN	73	69	67	67	68	70	71	70	67	65	53	57	65	70	63	67	65	69	68	64	70	68	71	66	64	57	47	46	46	57		64.0
HOPKINSVILLE	MAX	93	90	92	84	85	90	92	95	94	90	82	83	90	94	93	93	92	91	87	86	92	93	93	90	80	87	85	62	76	80		87.8
	MIN	68	70	70	66	66	67	70	70	69	69	55	55	57	62	63	64	64	65	69	67	66	68	68	70	70	68	48	45	44	45		63.3
LOVELACEVILLE	MAX	91	92	85	81	88	91	95	87	90	83	81	88	93	93	92	94	91	84	76	90	89	90	87	80	84	81	71	73	79	82		86.0
	MIN	71	67	72	67	66	70	70	70	64	68	51	53	62	68	64	64	64	66	68	69	70	67	68	72	68	54	45	42	43	44		62.9
MADISONVILLE 1 SE	MAX	90	92	89	85	89	91	94	93	90	84	80	88	92	92	91	92	92	90	84	89	96	91	91	88	89	83	69	72	77	83		87.5
	MIN	68	70	73	67	67	68	72	71	65	66	51	50	60	68	62	65	62	67	68	68	71	69	70	69	66	58	46	43	43	56		63.3
MAYFIELD RADIO WNGO	MAX	91	91	88	82	88	91	92	92	87	81	78	83	90	90	90	89	92	89	78	86	89	88	88	84	85	84	64	72	73	81		85.2
	MIN	68	66	65	64	67	68	68	68	66	63	50	52	71	67	63	71	61	59	65	70	67	65	68	67	64	53	47	40	41	52		61.9
MURRAY	MAX	92	96	85	84	90	94	96	95	90	80	79	87	92	92	93	93	93	90	80	90	90	89	88	81	84	83	62	72	76	80		86.5
	MIN	70	69	73	66	66	72	71	71	69	66	56	58	65	71	66	69	65	70	69	67	70	68	71	68	68	54	48	47	46	58		64.9
OWENSBORO 2 W	MAX	87	91	88	84	90	89	90	95	94	93	82	81	85	94	93	94	91	93	82	90	91	92	92	85	85	82	76	72	77	82		87.3
	MIN	65	68	70	70	65	65	73	69	72	66	48	52	54	62	64	61	64	66	69	68	70	70	70	72	65	58	46	42	44	54		62.7
PADUCAH FAA AIRPORT	MAX	91	92	85	80	88	91	94	85	88	83	78	86	91	90	91	91	91	77	77	89	87	89	87	80	85	76	70	73	77	81		84.8
	MIN	71	70	72	66	67	72	74	72	67	60	52	55	68	70	67	68	65	67	69	67	72	70	73	69	69	52	47	46	45	54		64.5
PADUCAH SEWAGE PLANT	MAX	93	92	93	87	83	88	94	96	88	90	78	79	87	93	94	94	93	93	78	80	90	90	91	90	82	86	77	70	73	78		86.7
	MIN	73	72	71	69	67	67	73	72	66	65	57	57	59	66	68	68	67	67	69	69	69	70	70	72	68	70	48	46	45	45		64.8
PRINCETON 1 SE	MAX	90	91	90	83	88	89	95	94	88	84	79	88	93	91	92	92	91	90	81	89	90	90	89	87	84	83	67	71	77	82		86.6
	MIN	70	70	74	67	67	70	73	73	65	60	52	53	65	72	67	65	64	68	68	66	71	70	72	69	62	57	46	43	44	54		63.9
ROCHESTER LOCK 3	MAX	90	87	91	83			88	90	92	88	79			90	90	91	91	88			90	90	91	90	81			65	70	75		85.9
	MIN	67	67	69	69			69	69	67	66	54			70	62	62	62	64			68	70	69	72	71			44	41	42		63.4
RUSSELLVILLE	MAX	90	90	92	85	84	90	91	95	95	89	80	80	89	93	93	92	92	90	88	87	90	92	92	90	85	84	86	60	71	79		87.1
	MIN	71	71	72	70	66	67	72	72	69	69	53	53	53	72	69	69	63	64	68	68	68	71	71	72	71	68	50	42	40	42		64.2
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	84	85	83	84	84	86	84	89	88	88	80	83	90	88	89	91	90	86	81	88	88	90	90	88	82	81	70	69	70	77		84.2
	MIN	68	64	70	70	65	63	68	70	65	71	54	49	61	71	67	64	65	70	60	66	70	70	70	72	66	66	44	44	39	57		63.3
BARDSTOWN	MAX	85	89	84	84	86	89	87	95	89	87	79	85	91	91	93	91	90	87	92	90	92	92	91	86	84	86	72	69	72	79		86.2
	MIN	62	66	63	71	63	61	70	70	67	73	53	45	58	69	65	63	62	66	64	66	69	68	70	73	66	66	51	42	37	52		62.4
BARREN RIVER RESERVOIR	MAX	93	88	94	84	84	89	93	91	93	83	80	77	86	92	91	91	92	88	86	85	90	92	92	90	89	83	87	60	71	75		86.3
	MIN	66	70	72	72	66	67	71	72	71	70	53	53	55	64	69	68	65	67	67	69	69	72	72	72	69	69	52	44	40	40		64.2
BERNHEIM FOREST	MAX	87	88	88	84	86	88	87	92	90	89	82	85	93	92	93	93	93	90	82	90	92	92	91	89	85	86	70	70	72	80		86.6
	MIN	68	65	69	71	63	61	70	71	66	73	50	45	58	69	66	62	63	68	64	66	70	69	73	74	66	67	50	41	38	52		62.9
BOWLING GREEN FAA AP	MAX	91	94	84	84	90	95	98	95	89	80	77	88	92	92	91	91	86	87	85	91	93	91	91	86	80	83	62	71	76	85		86.6
	MIN	72	71	73	69	65	68	74	73	70	62	57	54	60	70	64	66	64	68	69	68	71	70	74	72	70	55	51	45	42	54		64.7
BRADFORDSVILLE	MAX	88	85	89	84	87	85	90	86	90	85	80	76	89	88	88	86	91	87	80	87	89	90	91	89	86	84	85	66	70	73		84.8
	MIN	65	64	67	71	64	60	69	68	67	72	50	45	55	68	63	59	59	70	69	68	70	69	72	72	67	66	52	43	37	48		62.3
CAMPBELLSVILLE 2 SSW	MAX	83	90	88	83	83	88	85	91	90	83	77	85	89	88	89	89	86	82	83	89	90	90	90	87	81	85	76	70	70	78		84.6
	MIN	65	66	70	70	65	65	69	70	67	72	55	48	59	69	67	62	62	70	67	67	66	70	71	71	67	66	51	47	46	52		63.7
CECILIA	MAX	88	90	89	81	84	87	90	92	85	89	78	85	85	91	90	91	90	85	87	89	89	90	89	87	77	84	69	70	71	78		85.0
	MIN	64	66	69	69	63	65	66	70	70	67	52	46	50	67	60	62	61	66	66	67	69	67	70	75	68	67	51	45	40	52		62.3
GLASGOW WKAY	MAX	89	90	87	82	87	88	85	93	87	79	75	84	89	89	89	88	85	85	84	87	90	90	89	86	80	84	66	68	72	81		84.3
	MIN	67	67	69	71	65	64	71	71	70	71	53	51	58	68	63	63	61	69	68	67	70	69	70	70	67	66	51	43	39	49		63.4
GREENSBURG	MAX	92	87	92	85	84	88	91	81	94	87	81	79	86	92	91	92	92	88	84	87	90	92	92	91	88	82	88	64	71	73		86.1
	MIN	67	67	69	71	67	65	67	69	68	69	54	50	50	59	65	62	61	61	68	68	69	67	68	71	68	68	54	46	41	41		62.3
HODGENVILLE-LINCOLN NP	MAX	84	89	89	84	85	88	89	91	92	86	78	83	91	91	90	90	91	87	80	89	92	90	90	89	84	85	74	74	72	79		85.9
	MIN	60	67	69	69	64	69	72	70	68	71	51	48	61	68	67	63	63	67	67	67	69	69	70	71	67	67	50	42	41	52		63.3
IRVINGTON	MAX	87	88	89	85	88	89	92	92	90	90	79	78	92	87	91	92	90	89	74	89	90	90	90	89	79	81	83	68	72	78		85.7
	MIN	67	66	69	70	62	63	70	71	67	70	51	45	59	67	64	62	61	61	64	67	72	68	70	73	68	66	48	39	39	54		62.4
LEITCHFIELD 2 N	MAX	87	93	84	84	88	87	93	95	93	81	76	85	94	91	92	91	92	81	85	90	91	92	89	85	85	85	67	69	73	79		85.9
	MIN	67	67	70	69	64	64	72	71	69	68	52	48	58	68	63	63	61	67	67	66	70	69	70	72	70	62	51	46	41	53		63.3
LOUISVILLE	MAX	85	84	85	86	85	86	87	90	90	88	76	83	89	89	89	91	91	90	82	87	92	93	94	93	86	85	72	70	71	80		85.6
	MIN	71	67	72	72	68	67	72	72	71	75	55	55	63	70	70	69	70	73	62	67	69	72	73	75	68	67	50	49	47	59		66.3
LOUISVILLE WB AP	MAX	82	85	85	80	84	86	85	89	87	79	75	82	90	88	90	89	88	80	80	88	91	90	89	85	77	82	66	68	70	78		82.9
	MIN	71	67	71	71	67	64	72	71	69	63	54	50	61	69	68	66	66	67	59	67	69	70	72	72	68	58	51	45	42	56		63.9
MAMMOTH CAVE PARK	MAX	86	91	90	83	86	89	90	92	88	83	77	84	90	89	89	90	89	86	83	89	90	90	89	88	79	83	69	69	73	80		85.1
	MIN	67	67	68	70	66	64	72	71	67	72	52	42	56	69	65	63	61	68	67	67	70	70	71	71	68	65	51	40	38	51		63.0

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	91	89	93	84	83	89	91	93	94	83	80	78	86	92	91	93	90	89	85	84	92	92	93	90	86	81	87	67	70	74		86.3
	MIN	66	65	65	70	66	65	66	63	62	71	53	49	52	62	60	63	60	61	68	65	66	66	67	72	70	68	51	42	40	40		61.1
ROUGH RIVER DAM	MAX	89	88	91	86	84	89	89	95	92	92	81	79	89	93	91	94	92	91	80	85	91	90	91	91	83	80	85	69	70	75		86.5
	MIN	66	67	68	69	64	64	67	71	66	66	50	46	47	62	67	65	65	65	65	66	68	70	70	72	69	67	47	41	40	42		61.7
SCOTTSVILLE 3 SSW	MAX	84	93	84	82	88	90	88	92	84	80	76	85	89	89	89	88	84	86	83	85	90	90	88	85	83	84	69	69	74	83		84.5
	MIN	70	72	68	71	64	70	73	71	71	70	56	56	63	69	68	67	67	70	68	69	70	70	70	70	58	66	52	47	42	54		65.4
SUMMER SHADE	MAX	87	90	81	82	86	88	85	90	81	79	75	83	87	87	88	87	85	84	89	86	88	88	88	84	82	85	70	67	70	80		83.4
	MIN	68	67	68	70	65	64	70	70	67	69	55	52	60	68	65	63	61	69	66	69	70	70	70	70	67	66	54	43	40	49		63.5
WOLF CREEK DAM	MAX	90	89	90	84	85	87	88	82	89	85	84	80	84	89	89	90	90	90	85	85	86	89	88	90	87	83	86	62	70	73		85.0
	MIN	64	66	61	64	63	63	67	64	65	65	52	49	49	58	64	58	58	63	64	64	60	64	64	66	65	62	55	46	41	42		59.5
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	88	94	84	90	84	87	84	88	94	85	85	83	88		97	90	89	83	89		90	90	89	93	88	85	75	76	78	79		86.6
	MIN	66	65	71	70	69	62	69	70	69	73	54	50	62	69	71	66	63	72	67		68	73	73	73	68	66	51	47	41	55		64.6
CARROLLTON LOCK 1	MAX	83	85	85	84	83	85	84	87	86	84	76	81	89	89	89	89	89	89	84	88	90	90	89	90	84	83	70	68	68	76		83.9
	MIN	65	60	68	69	64	61	68	70	64	72	50	47	58	67	66	63	64	70	57	63	69	70	69	75	66	66	49	44	40	52		62.2
COVINGTON WB AIRPORT	MAX	83	89	86	84	85	88	86	90	86	81	75	83	90	90	92	93	92	79	86	89	94	93	92	88	78	84	67	68	68	78		84.6
	MIN	64	61	73	70	65	64	70	69	65	57	49	49	62	72	69	65	70	64	54	66	72	73	72	72	67	58	51	45	39	53		62.7
CYNTHIANA 2	MAX	87	86	90	87	85	87	90	86	94	88	85	78	87	94	93	95	93	94	89	87	92	95	94	93	92	70	83	68	68	68		86.6
	MIN	68	56	56	68	63	57	58	66	68	68	47	42	53	55	65	57	57	59	54	54	64	68	68	68	67	63	50	43	36	36		57.8
DANVILLE	MAX	92	80	87	83	82	85	88	78	88	85	81	76	82	89	89	90	89	88	82	80	88	90	89	89	87	80	83	65	69	70		83.5
	MIN	70	65	65	70	67	62	62	67	67	69	53	51	51	67	70	64	64	64	65	65	69	71	69	69	69	65	50	47	41	41		62.3
DIX DAM	MAX	87	87	82	83	85	85	85	89	86	84	76	78	87	88	90	90	90	86	76	86	89	90	89	89	85	84	85	76	68	77		84.4
	MIN	67	65	69	70	67	65	63	69	64	71	53	48	60	71	67	62	64	70	64	54	70	71	70	70	67	66	50	46	40	53		62.9
FALMOUTH 5 WNW	MAX	89	89	86	86	84	88	86	90	88	83	76	84	91	90	93	95	92	88	86	90	94	93	92	90	89	84	68	69	68	78		86.0
	MIN	60	51	67	67	60	55	66	65	60	66	42	39	51	64	63	56	59	64	57	58	64	65	64	71	68	61	49	38	32	46		57.6
FARMERS 1 WNW	MAX	87	86	86	85	85	87	88	88	89	84	76	82	88	88	89	90	89	86	80	85	89	88	89	88	88	87	76	63	64	73		84.1
	MIN	66	56	65	71	65	57	67	64	66	68	49	47	56	65	64	63	60	70	60	59	60	66	67	66	67	63	52	43	40	45		60.2
FLEMINGSBURG 1 SW	MAX	82	87	84	84	84	90	86	88	86	83	77	81	86	87	90	90	90	85	82	88	90	90	89	89	85	84	67	65	65	75		83.6
	MIN	64	56	69	69	64	58	69	66	67	71	51	50	58	66	67	61	61	69	53	60	68	68	66	70	67	62	50	42	36	50		60.9
FRANKFORT LOCK 4	MAX	87	85	87	84	82	80	88	79	90	87	82	77	84	90	88	90	92	89	84	84	89	91	91	90	88	71	84	68	70	70		84.0
	MIN	64	62	63	70	64	62	63	67	67	68	53	48	48	58	68	62	63	64	58	58	64	68	69	69	66	65	51	44	40	41		60.2
LEXINGTON WB AIRPORT	MAX	79	85	85	83	84	89	81	90	84	78	76	81	89	87	90	89	88	84	82	87	90	89	89	89	72	84	64	67	66	76		82.6
	MIN	66	64	70	70	66	65	69	69	69	60	54	47	59	71	69	64	64	68	60	67	70	70	70	70	65	58	50	45	38	54		62.7
MAYSVILLE SEWAGE PLANT	MAX	85	84	88	86	85	85	88	88	91	88	82	78	82	89	90	94	92	93	86	84	91	94	94	91	90	72	86	67	66	68		85.2
	MIN	62	53	54	65	64	60	63	65	66	65	50	46	47	58	67	60	63	64	56	58	62	68	66	68	66	64	50	44	39	34		58.2
MOUNT STERLING	MAX	79	85	89	83	84	85	81	86	86	82	77	80	87	86	90	88	88	85	79	87	89	89	87	88	84	84	72	67	67	78		83.1
	MIN	67	60	70	71	71	61	68	66	68	71	52	51	60	70	66	65	63	72	61	63	69	69	70	69	67	64	50	45	40	52		63.0
OWENTON	MAX	86	85	88	84	85	79	88	82	86	85	79	76	83	88	86	90	90	89	82	86	86	90	90	90	86	72	82	67	62	67		83.0
	MIN	65	62	63	70	63	63	66	67	65	66	50	50	52	60	71	71	67	70	58	59	69	71	71	72	67	66	49	45	39	40		61.6
RICHMOND	MAX	88	78	87	84	83	84	86	79	88	85	84	75	84	89	88	89	89	90	82	80	88	89	90	89	89	81	85	64	69	70		83.5
	MIN	65	64	65	69	66	62	68	67	67	65	52	50	57	68	68	64	63	67	65	65	69	68	68	70	68	65	50	43	39	43		62.0
SHELBYVILLE	MAX	87	82	88	81	80	84	85	80	89	86	80	74	82	88	87	88	89	88	80	80	87	89	88	88	88	72	83	66	69	69		82.6
	MIN	68	63	63	68	65	63	67	69	66	66	53	49	51	60	67	64	64	64	59	59	66	69	69	70	65	65	50	45	39	34		60.7
WARSAW MARKLAND DAM	MAX	85	86	87	89	83	85	87	84	88	85	79	76	82	89	89	90	90	89	79	85	88	90	90	90	85	78	84	64	67	69		83.7
	MIN	66	58	57	64	64	60	59	66	63	62	50	47	49	58	58	64	64	63	58	59	66	68	68	68	68	63	52	44	37	32		58.5
WAYNESBURG 7 NE	MAX	80	87	82	80	80	85	76	85	81	82	73	81	87	87	87	86	84	79	80	85	88	88	86	86	83	83	65	68	76	75		81.5
	MIN	65	64	67	69	65	61	66	65	66	69	54	50	59	65	67	61	62	69	59	67	68	68	67	69	66	60	45	40		49		62.1
WILLIAMSTOWN 3 NW	MAX	83	86	85	84	85	87	83	87	87	81	75	82	90	89	91	93	91	86	86	89	92	90	90	86	82	81	68	68	67	78		84.1
	MIN	62	59	69	68	61	62	67	68	63	70	51	49	61	67	67	65	66	68	56	63	68	69	69	73	66	62	48	44	37	53		61.7
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	83	81	86	82	87	84	86	89	89	85	85	75	84	89	90	93	92	92	86	81	81	91	90	90	80	82	87	62	65	65		83.7
	MIN	61	52	52	64	65	58	63	63	65	68	50	48	50	62	64	60	61	64	56	57	61	66	66	67	66	64	51	42	38	38		58.1
BARBOURVILLE	MAX	81	85	89	87	85	84	87	80	82	83	85	89	85	88	89	90	89	89	84	85	86	87	88	88	88	89	85	64	68	69		84.3
	MIN	65	65	65	65	66	64	64	64	64	66	56	55	55	59	63	65	62	63	68	68	63	63	67	65	65	62	58	49	42	41		61.2
BAXTER	MAX	87	81	87	86	83	83	86	78	76	80	83	80	84	86	88	90	90	88	83	82	80	87	87	89	87	88	89	64	67	68		82.9
	MIN	64	64	65	67	68	64	61	61	62	66	57	57	56	58	63	64	63	63	67	66	64	64	67	63	64	62	58	48	41	41		60.9
BLAINE	MAX	85	83	88	87	88	85	88	87	88	87	87	78	84	89	88	92	93	92	82	81	78	90	88	90	88	86	86	64	68	68		84.6
	MIN	66	55	55	62	64	60	60	59	59	59	59	49	45	52	60	62	58	58	62	59	57	61	62	61	61	65	56	43	37	37		56.8
CUMBERLAND	MAX																																
	MIN																																
DEWEY DAM	MAX	82	80	86	87	81	83	86	87	85	86	84	86	82	85	87	92	91	91	78	79	76	89	90	88	90	88	85	61	68	65		83.3
	MIN	66	59	60	64	65	65	65	63	63	65	55	52	54	62	63	64	63	64	67	60	60	62	68	63	64	66	56	48	43	43		60.4
GRAYSON 5 SE	MAX	84	84	88	87	86	86	89	87	89	88	87	77	84	90	90	94	94	92	85	81	81	90	90	89	90	81	87	64	67	67		84.9
	MIN	62	53	53	62	65	59	60	61	61	65	49	45	46	54	61	61	58	59	58	56	60	64	63	62	62	63	54	40	35	35		56.2
HEIDELBERG LOCK 14	MAX	79	86	87	84	83	84	85	82	85	84	82	80	86	87	89	89	88	87	78	82	88	89	87	87	87	84	82	66	66	77		83.3
	MIN	66	62	65	69	67	63	65	64	69	66	54	48	55	64	66	64	60	70	67	63	64	65	64	64	65	63	55	44	38	44		61.1
HINDMAN 11 NNE	MAX	82	79	84	87	86	86	86	85	86	85	86	75	80	86	87	89	88	90	77	77	73	89	89	88	89	87	88	66	68	69		82.9
	MIN	65	65	64	64	64	61	62	62	61	62	55	53	56	58	61	64	62	61	66	61	61	61	66	62	62	63	56	44	39	41		59.4
HYDEN	MAX	83	81	87	87	82	82	85		79	84	84	76	82	87	87		88	88	76	79	80	87	88	88	89	88	85		67	66		82.8
	MIN	64	64	63	65	67	64	64		62	65	57	55	55	57	62		62	62	66	67	63	62	66	64	63	62	57		42	42		60.8
JACKSON	MAX	84	82	91	87	84	89	90	84	85	86	86	82	88	92	91	93	93	93	80	82	77	93	91	93	92	91	89	61	71	71		85.7
	MIN	65	63	63	67	68	66	66	65	65	69	56	53	53	61	63	68	63	63	68	64	64	64	67	64	64	63	57	46	41	41		61.3

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	81	86	84	83	83	85	78	84	82	82	76	82	87	86	87	87	86	79	81	83	88	87	87	87	86	83	68	65	67	79		82.0
	MIN	65	64	66	69	66	61	65	64	68	62	55	50	58	63	63	60	60	70	68	69	66	64	66	67	65	62	51	46	38	48		61.3
MANCHESTER 4 SE	MAX	81	88	85	82	82	86	83	82	83	84	77	83	87	88	88	89	88	85	80	85	88	88	88	88	88	85	77	67	68	80		83.4
	MIN	65	65	65	69	67	62	62	61	68	65	55	52	57	62	65	64	60	67	67	67	62	65	67	63	64	61	56	48	41	43		61.2
MC KEE	MAX	81	76	85	83	80	80	85	77	85	84	80	75	83	87	88	88	88	86	78	76	81	88	85	87	87	85	83	58	65	68		81.1
	MIN	63	62	62	64	67	60	60	62	65	67	50	45	46	54	61	60	57	57	66	62	64	62	63	63	61	61	55	42	36	36		57.8
MIDDLESBORO	MAX	88	84	86	86	85	86	86	79	79	82	84	82	84	86	88	90	89	88	86	86	85	86	87	86	87	86	85	65	68	69		83.6
	MIN	64	64	65	66	68	63	62	62	64	64	57	57	56	57	61	61	61	61	65	66	61	61	65	62	62	60	58	47	41	40		60.0
MONTICELLO	MAX	84	90	84	83	85	88	85	87	83	83	77	84	89	89	90	89	86	86	85	87	90	87	87	89	85	83	81	78	70	81		84.8
	MIN	65	66	69	71	64	62	69	69	69	71	53	49	60	65	65	59	60	70	66	68	69	68	69	57	66	69	55	46	38	47		62.5
MOUNT VERNON	MAX	80	87	86	83	82	86	85	86	85	83	77	84	89	89	89	88	89	85	81	87	90	90	89	89	88	85	80	68	70	79		84.3
	MIN	65	65	70	70	67	61	67	67	68	70	51	48	59	68	64	63	61	71	65	67	69	70	70	71	66	62	52	42	37	37		62.1
PIKEVILLE	MAX	82	90	89	88	88	88	90	90	89	87	82	87	92	91	95	94	93	78	81	73	92	92	92	92	88	88	74	71	70	82		86.3
	MIN	66	65	67	73	68	66	65	64	67	68	59	57	62	64	70	67	65	66	69	64	63	69	69	64	67	66	53	50	45	44		63.4
SOMERSET 2 N	MAX	82	88	85	83	83	86	84	86	84	84	83	82	88	89	89	88	86	83	81	83	89	87	87	87	85	84	79	67	70	80		83.7
	MIN	64	59	67	67	62	59	61	65	65	66	54	46	55	64	61	57	59	68	63	65	66	69	67	68	61	61	51	42	35	48		59.8
STEARNS	MAX																																
	MIN																																
TOMAHAWK 1 WSW	MAX	80	80	86	87	82	83	85	87	85	84	85	75	82	87	87	91	89	90	77	75	76	89	88	87	89	87	86	60	67	65		82.4
	MIN	67	57	57	62	65	61	62	60	60	65	55	51	50	60	60	63	60	60	64	55	54	60	62	62	62	61	54	45	38	38		57.7
VANCEBURG	MAX	87	88	88	87	85	87	88	90	90	85	77	83	88	90	91	91	90	90	83	88	90	90	91	90	86	82	66	67	71	76		85.2
	MIN	58	52	61	70	65	56	64	61	66	67	47	47	54	64	64	61	63	66	56	56	63	65	65	63	64	61	57	42	36	44		58.6
WEST LIBERTY	MAX	80	82	87	85	85	86	84	83	84	83	83	77	83	89	89	91	90	90	80	81	79	89	90	89	89	85	80	64	68	67		83.1
	MIN	64	54	54	60	62	62	59	59	61	63	59	46	46	54	62	61	56	56	61	56	56	60	61	60	60	63	53	44	38	38		56.3
WILLIAMSBURG 1 E	MAX	87	87	85	82	85	86	85	83	83	84	83	84	86	87	88	89	86	82	84	83	87	87	87	85	89	87	78	68	70	81		83.9
	MIN	65	67	68	71	67	63	66	66	70	70	56	53	60	65	66	62	60	69	67	68	68	67	70	69	69	62	56	44	42	51		63.2

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.20	.11	.35	.24	.19	.11	.22	.28	.19	.30	.20	.21	.24	.20	.19	.23	.28	.11	.11	.08	.18	.27	.27	.35	.11	.12	.19	.09	.14	.21		5.97
	WIND	42	9	65	102	61	15	32	40	25	65	23	28	24	36	34	39	17	27	22	53	44	65	64	110	45	29	35	12	20	55		1238
	MAX	95	95	99	92	90	92	91	95	94	91	90	85	88	92	93	92	92	91	85	82	90	91	90	89	78	83	78	75	78	79		88.5
	MIN	71	70	70	70	68	72	75	71	72	71	60	60	61	64	69	70	70	70	69	70	70	71	71	71	69	69	49	50	50	50		66.4
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.37	.19	.19	.07	.33	.16	.10	.22	.19	.19	.26	.32	.19	.14	.22	.29	.16	.16	.13	.19	.16	.22	.22	.22	.13	.13	.16	.13	.22	.22		5.88
	WIND	36	14	37	84	54	15	17	40	42	55	52	27	32	44	36	39	28	34	21	28	44	46	59	75	50	13	61	27	41	38		1189
WOLF CREEK DAM	EVAP	.07	.10	.18	.04	.16	.15	.15	.06	.06	-	.11	.21	.11	.11	.10	.04	.18	.08	.02	.12	.10	.11	.10	.23	.11	.07	.23	.03	.16	.12		3.428
	WIND	21	7	8	36	26	12	8	6	17	21	12	12	5	6	6	10	7	7	11	12	9	11	16	31	20	9	28	14	17	9		414
	MAX	92	89	96	85	87	94	96	80	88	86	83	84	92	91	95	96	96	88	87	90	88	96	92	93	89	93	88	70	70	81		88.5
	MIN	67	70	70	70	68	69	70	71	74	75	72	46	58	62	57	67	65	66	70	70	70	74	70	73	73	67	62	52	49	50		65.9
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.24	.13	.09	.14	*	*	.60	.05	-	-	.21	*	.40	.08	.14	.20	.20	.20	*	*	.32	.20	.27	.23	.04	*	*	.33	.20	.10		4.688
	WIND	30	15	14	45	*	*	48	7	16	27	33	41	7	7	10	8	6	13	*	*	87	21	22	27	22	21	31	5	19	20		602
	MAX	89	82	91	84	-	-	95	79	90	86	82	78	82	91	92	95	94	90	-	-	90	92	93	92	89	87	77	84	73	74		86.6
	MIN	70	69	71	71	-	-	70	69	71	70	60	58	58	58	73	71	70	71	-	-	67	72	72	71	71	77	70	53	50	51		66.7
* * * EASTERN 04																																	
BUCKHORN	EVAP	.06	.10	.20	.30	.20	.10	.20	.10	-	.09	.18	.13	.17	.16	.12	.16	.20	*	*	*	.15	.24	.26	.05	.15	.10	.21	.10	.00	.10		3.968
	WIND	18	4	8	63	39	17	10	8	23	23	41	16	10	14	11	10	8	15	17	6	11	18	12	19	25	14	34	18	25	15		552
	MAX	77	82	94	85	85	89	95	87	81	86	86	85	90	95	92	96	97	93	77	81	81	93	90	92	90	90	86	72	73	65		86.2
	MIN	68	68	72	72	71	71	69	70	69	70	64	62	61	67	69	73	61	69	71	70	70	69	72	72	70	69	64	55	53	50		67.0
DEWEY DAM	EVAP	.06	.04	.09	.05	-	.09	.09	.09	.03	.05	.02	.18	.04	.07	.09	.09	.08	.11	.02	.08	-	.10	-	.05	.06	.04	-	-	*	.14		2.118
	WIND	2	2	2	16	5	4	3	3	10	7	10	10	4	6	6	2	2	8	3	6	4	2	6	1	8	4	9	8	9	7		169

DAILY SOIL TEMPERATURES

KENTUCKY
SEPTEMBER 1970

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN																																		
	4	MAX MIN	79 76	78 74	79 75	77 75	77 74	76 75	79 76	81 74	81 76	79 76	78 72	78 74	77 71	78 75	79 75	80 74	79 74	79 74	77 74	79 74	79 75	79 75	78 75	78 76	77 73	74 72	75 68	71 64	69 61	69 61		77.3 72.9
	20	5PM	75	75	75	75	75	75	75	75	75	75	75	74	74	74	74	75	75	75	75	75	75	75	75	75	75	75	74	72	71	70		74.4
BEREA COLLEGE																																		
	4	MAX MIN	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	75 71	76 71	77 73	78 76	78 75	78 75	79 75	79 77	79 77	78 76	79 77	80 78	80 78	80 79	80 78	80 77	78 73	73 68	73 66	71 67		- -
	20	5PM	-	-	-	-	-	-	-	-	-	-	78	77	76	77	77	77	77	77	77	77	77	78	78	78	78	78	78	77	76	75		-
CAMPBELLSVILLE 2 SSW																																		
	4	MAX MIN	80 75	80 76	82 78	79 76	80 76	80 75	86 80	80 76	81 76	81 77	77 72	76 70	78 71	79 71	80 76	80 75	80 75	78 76	76 75	80 75	80 75	80 76	80 76	80 76	78 75	76 74	77 72	76 67	70 65	71 66		78.7 74.1
	20	6PM	75	75	75	75	75	75	75	75	75	75	75	74	74	74	74	74	74	74	75	74	75	75	75	75	75	75	74	73	70	71		74.3
CUMBERLAND GAP PARK																																		
	4	MAX MIN	80 74	80 76	79 75	79 75	79 75	79 74	79 74	76 73	75 74	76 74	76 72	75 71	76 71	77 74	77 74	77 73	79 73	77 73	77 74	77 75	76 72	77 73	77 74	77 72	77 74	77 72	77 72	77 73	73 64	68 63		76.9 72.8
	20	5PM	75	75	75	75	75	75	75	75	75	75	74	74	74	74	74	74	74	73	74	74	74	74	74	74	74	73	74	73	72	70		74.0
FLEMINGSBURG 1 SW																																		
	4	MAX MIN	77 74	76 71	76 73	75 73	76 73	75 72	76 73	76 74	76 74	76 74	75 70	74 69	73 70	73 71	75 73	75 72	75 72	76 73	77 71	77 72	77 73	78 74	78 73	77 74	77 73	75 71	75 69	72 65	70 63	71 65		75.3 71.5
	20	6PM	71	71	71	71	71	71	71	71	71	71	71	71	70	70	70	70	70	70	70	70	70	71	71	71	71	71	70	70	68	68		70.4
GLASGOW WKAY																																		
	4	MAX MIN	77 75	79 75	79 76	77 76	77 75	78 74	79 76	80 77	80 75	77 76	76 73	75 71	74 72	76 74	76 74	76 74	76 73	75 74	75 74	76 75	77 75	77 75	77 76	77 76	76 75	75 75	75 71	71 68	69 66	69 66		76.0 73.7
	20	6PM	74	74	74	74	74	74	74	74	74	74	74	74	73	73	73	73	73	73	73	73	73	74	74	74	74	74	73	72	71	70		73.4
GREENVILLE 2 W																																		
	4	MAX MIN	83 73	83 79	84 79	80 77	82 76	83 77	83 78	85 79	83 78	82 78	81 73	81 72	80 74	81 76	81 75	82 75	83 76	81 77	80 77	82 76	83 78	81 77	83 79	81 77	79 76	79 75	75 70	74 68	74 67	73 67		80.7 75.3
	20	5PM	76	75	76	76	75	75	75	75	75	75	75	75	74	75	74	74	75	75	74	74	74	75	75	75	74	74	73	72	71	71		74.4
HENDERSON 7 SSW																																		
	4	MAX MIN	78 77	79 75	79 78	79 77	79 75	78 77	80 78	80 79	80 77	80 77	80 74	77 72	75 74	79 75	78 76	79 76	80 77	78 76	76 76	77 76	77 77	77 77	78 77	78 77	77 76	77 75	75 72	72 69	71 68	71 68		77.5 75.3
	20	6PM	74	75	74	74	74	74	74	75	75	75	74	73	73	73	73	74	74	74	74	74	74	74	74	74	74	74	73	72	71	70		73.7
IRVINGTON																																		
	4	MAX MIN	78 76	77 75	77 76	76 75	76 74	76 73	78 76	79 76	79 76	80 77	77 70	72 67	68 64	74 68	77 73	77 73	77 73	76 73	74 73	77 72	76 74	78 74	78 75	78 75	78 74	74 73	74 68	71 65	68 61	68 63		75.6 72.1
	20	4PM	71	71	71	71	71	71	71	72	72	72	71	71	69	70	70	70	70	70	70	70	70	71	71	71	71	71	70	69	67	67		70.4
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX MIN	86 71	90 66	84 70	91 71	96 67	98 66	84 72	96 70	86 70	84 62	92 57	94 56	96 64	95 73	98 71	100 68	95 69	88 71	88 65	94 72	96 70	97 71	95 71	95 72	75 68	85 66	72 55	75 50	78 45	80 54		89.4 65.8
	2	MAX MIN	84 72	86 68	81 71	86 73	91 70	93 69	82 74	91 71	83 71	81 66	86 61	89 59	91 66	90 74	93 73	94 70	90 71	85 72	85 67	90 69	91 72	92 72	92 72	90 73	77 69	81 68	74 59	72 54	74 49	76 57		85.7 67.7
	4	MAX MIN	80 73	80 70	78 73	80 73	85 71	85 71	79 74	85 72	80 73	78 70	80 65	82 64	84 68	84 74	86 74	86 72	83 73	80 74	80 70	83 72	85 73	86 74	86 74	85 75	78 71	78 70	71 64	69 58	69 54	71 59		80.5 69.9
	8	MAX MIN	77 74	77 72	76 74	77 74	79 73	80 73	77 75	79 74	77 74	77 74	75 69	76 68	78 70	79 75	80 75	80 74	79 75	78 76	76 72	74 72	80 74	80 75	80 75	80 76	78 73	75 72	73 68	68 63	67 60	68 62		76.7 72.0
(SOD)	1	MAX MIN	80 75	80 72	79 74	79 75	81 73	81 72	78 74	82 73	79 74	78 72	76 68	77 66	79 69	81 73	82 73	82 71	80 72	78 74	79 72	80 73	80 74	80 74	80 74	79 74	76 72	76 72	72 67	70 64	69 61	70 64		78.1 71.4
	2	MAX MIN	79 75	80 73	78 75	78 75	80 73	80 73	78 74	81 74	79 75	78 73	76 69	76 67	78 70	80 74	81 74	81 72	80 73	78 75	78 72	79 73	80 75	80 75	79 75	79 75	76 72	76 73	72 69	70 65	69 62	70 65		77.6 72.2
	4	MAX MIN	78 75	79 74	77 75	78 75	79 74	78 73	77 74	79 74	78 75	77 74	75 70	75 69	76 70	78 74	79 74	80 73	78 73	77 75	77 73	78 74	79 75	79 75	78 75	78 75	76 73	75 72	73 70	70 66	69 64	67 66		76.6 72.6
	8	MAX MIN	77 76	77 74	76 75	76 75	77 74	77 74	76 75	77 74	76 75	76 75	75 72	74 70	74 71	76 74	77 74	77 74	76 74	76 75	76 74	76 74	77 75	77 75	76 75	76 75	76 72	74 73	74 71	71 69	69 67	69 67		75.4 73.3

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM																																		
(SOD)	20	7PM	74	74	74	74	73	73	74	73	73	74	73	72	72	72	73	73	73	73	73	73	73	73	74	74	74	73	72	72	70	70		72.9
	40	7PM	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	70		71.0
MAYFIELD RADIO WNGO																																		
	4	MAX	83	82	85	81	83	83	83	84	86	85	83	79	81	83	83	83	81	84	80	80	82	80	80	80	80	79	77	77	72	71		81.0
		MIN	79	78	76	77	79	79	79	80	77	78	75	75	75	77	77	75	78	75	76	77	76	77	78	77	78	77	71	68	68	67		76.0
	20	5PM	80	79	77	-	77	77	77	78	78	78	78	77	76	77	76	76	77	77	76	77	77	77	77	77	76	76	73	73	72	72		76.5
PRINCETON 1 SE																																		
	4	MAX	79	79	79	78	78	79	80	80	81	79	78	76	76	77	77	78	78	78	76	78	78	79	79	78	76	76	75	71	70	70		77.2
		MIN	78	78	77	76	76	78	78	78	78	77	73	72	73	75	75	75	75	76	75	75	77	77	77	76	75	75	70	67	66	67		74.8
	20	5PM	74	74	74	75	75	74	75	75	75	75	75	75	74	73	73	74	74	74	74	74	73	74	75	74	74	74	73	71	70	70		73.8
QUICKSAND																																		
	4	MAX	77	78	77	77	78	79	78	77	76	76	76	75	77	77	79	79	79	79	76	76	76	77	78	79	79	78	77	77	70	69		76.9
		MIN	75	74	74	76	75	75	75	74	75	75	73	71	72	73	75	77	75	76	75	74	73	74	75	75	75	75	75	68	65	64		73.6
	20	4PM	75	75	75	76	76	76	76	76	75	75	75	74	74	75	75	76	76	76	76	75	74	75	75	76	76	75	75	73	72	70		74.9
SANDY HOOK 4 NW																																		
	4	MAX	77	78	80	78	78	78	78	80	80	79	78	75	75	78	79	80	80	80	76	75	77	78	-	78	78	76	77	71	68	68		77.0
		MIN	73	70	72	75	73	71	74	73	74	71	69	66	68	72	72	72	71	75	71	70	71	72	-	72	72	71	70	63	60	61		70.5
	20	6PM	70	70	69	70	70	70	71	70	70	71	70	70	68	67	69	70	70	70	70	69	69	70	-	70	70	69	70	68	-	-		69.6
SOMERSET 2 N																																		
	1	MAX	82	81	81	78	80	82	81	79	80	80	78	77	78	80	80	81	81	80	78	79	81	80	81	79	79	77	77	73	72	77		79.1
		MIN	74	74	75	75	75	74	72	74	75	75	71	69	71	74	74	73	74	76	75	75	75	75	76	75	75	73	71	66	63	70		73.1
	4	MAX	81	80	80	77	79	79	80	77	77	78	77	76	77	78	78	79	80	79	76	78	79	78	79	78	78	76	76	71	70	73		77.5
		MIN	73	74	75	75	75	74	73	74	75	75	72	70	71	71	74	74	74	75	74	75	75	75	75	76	75	74	71	67	65	70		73.2
	20	6PM	77	77	77	77	77	77	77	76	77	76	76	81	75	76	76	76	76	76	76	76	76	76	77	77	77	76	76	74	73	72		76.2
WILLIAMSTOWN 3 NW																																		
	4	MAX	75	76	74	74	75	75	75	75	75	75	75	72	73	75	76	76	76	76	75	75	76	76	76	76	76	75	75	72	69	68		74.6
		MIN	74	73	73	73	73	73	74	74	74	75	70	69	70	70	74	73	73	75	72	71	74	74	74	75	75	74	72	67	65	65		72.3
	20	6PM	71	71	71	71	71	71	71	71	71	71	71	70	70	70	70	71	70	70	70	70	70	70	70	71	71	71	70	70	69	68		70.4

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS. BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGM	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GM	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES M. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		M	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		M	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	P. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA H. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	430		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2546	01	TODD	2	36 47	87 10	630		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		M	ARNOLD HAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C M	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	M. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		M	MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C M	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GM	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NR	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		M	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JP
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	670		7A			ODMALD R. MARSHALL
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. HORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		M	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		M	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A			CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		M	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			CLOSED 7/31/70
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-76A
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C M	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		M	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	712[illegible]	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOTT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		7A			EUGENE HOUCHENS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		M	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES M. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	855[illegible]	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	870[illegible]	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GM	HAROLD R. CONNLEY
WILLISBURG 4 N	871[illegible]	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATIONS												
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			CLOSED 7/31/70

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-10/29/70-870

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CLIMATOLOGICAL DATA

KENTUCKY
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE
OCTOBER 1970
Volume 65 No. 10

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AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
* * * WESTERN 01																							
BARDWELL 4 E	69.3	45.9	57.6		84	2	32	17	240	0	0	1	0	4.94		1.40	9	.0	0		8	3	2
BEAVER DAM	70.9M	47.7M	59.3M		84	2			193	0	0		0	7.66		2.60	13	.0	0		7	6	3
FORDS FERRY DAM 50	69.0	49.8	59.4		85	2	36	17	195	0	0	0	0	6.17	3.73	2.59	9	.0	0		7	3	2
GILBERTSVILLE KY DAM	71.5	51.6	61.6		84	3+	36	17	142	0	0	0	0	5.87		1.85	9	.0	0		8	3	2
GOLDEN POND 8 N	71.1	48.0M	59.6M		83	3	34	17	183	0	0	0	0			2.30	13	.0	0				2
GREENVILLE 2 W	70.5	47.2	58.9	- .6	83	5+	30	17	202	0	0	2	0	8.11	5.63	2.10	12	.0	0		8	6	3
HENDERSON 7 SSW	69.2	48.9	59.1	- .9	85	2	34	18+	201	0	0	0	0	4.47	1.67	1.06	13	.0	0		8	3	1
HICKMAN 1 E	70.9	48.3	59.6		85	2	33	17	183	0	0	0	0	4.93		1.64	9	.0	0		9	2	2
HOPKINSVILLE	71.2	46.9	59.1	- .9	86	3+	34	30	206	0	0	0	0	8.28	5.86	2.28	13	.0	0		10	5	3
LOVELACEVILLE	69.7	47.5	58.6	- 2.1	85	2	33	30+	212	0	0	0	0	4.28	1.15	2.15	9	.0	0		8	1	1
MADISONVILLE 1 SE	71.0	47.2	59.1		85	2	31	17	199	0	0	1	0	7.73		1.65	14	.0	0		9	7	3
MAYFIELD RADIO WNGO	71.9M	48.4M	60.2M		83	1	31	17	143	0	0	1	0	7.05		2.02	9	.0	0		9	3	3
MURRAY	69.3	49.8	59.6	- 1.3	82	2	35	30+	186	0	0	0	0	5.77	2.90	1.43	9	.0	0		10	3	3
OWENSBORO 2 W	70.8	47.6	59.2	- .2	85	2	33	18	191	0	0	0	0	7.37	4.95	1.78	14	.0	0		8	7	2
PADUCAH FAA AIRPORT	69.0	48.1	58.6		84	2	33	17	218	0	0	0	0	4.04		1.99	9	.0	0		6	3	1
PADUCAH SEWAGE PLANT	69.8	48.1	59.0		85	3	35	30	207	0	0	0	0	4.43	1.64	2.03	9	.0	0		7	3	1
PRINCETON 1 SE	70.4	48.3	59.4	- .6	83	2	33	30	195	0	0	0	0	7.32	4.72	2.64	13	.0	0		9	5	3
ROCHESTER LOCK 3	70.7M	47.0M	58.9M		81	1				0	0		0	6.90		2.24	13	.0	0				
RUSSELLVILLE	69.8	45.6	57.7	- 1.4	84	3	31	18	244	0	0	3	0	9.21	6.96	4.00	13	.0	0		9	5	2
DIVISION			59.2	- .8										6.36	3.75			.0					
* * * CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN	71.4	47.2	59.3		82	2	28	18+	199	0	0	2	0	4.76		1.20	13	.0	0		8	4	1
BARREN RIVER RESERVOIR	70.9	47.5	59.2		84	1	33	31	206	0	0	0	0	5.22		1.27	21	.0	0		8	6	1
BERNHEIM FOREST	72.0	46.4	59.2		82	2	29	18+	198	0	0	3	0	5.02		1.44	13	.0	0		7	4	1
BOWLING GREEN FAA AP	70.7	47.1	58.9	- 1.1	84	2	32	17	206	0	0	1	0	3.75	1.37	.67	13	.0	0		10	4	0
BRADFORDSVILLE	71.5	47.0	59.3		82	14	25	17	196	0	0	4	0	3.27		.80	14	.0	0		7	3	0
CAMPBELLSVILLE 2 SSW	70.5	49.4	60.0		80	13	29	17	184	0	0	2	0	3.57		.78	14	.0	0		7	3	0
CECILIA	69.6	46.1	57.9	- .2	81	2	30	18+	228	0	0	3	0	5.10	2.56	1.98	13	.0	0		10	2	2
GLASGOW WKAY	69.1	47.7	58.4		81	2	32	17	211	0	0	1	0	4.35		1.11	20	.0	0		8	5	1
GREENSBURG	71.7	46.8	59.3	1.2	82	14+	31	17	191	0	0	2	0	3.51	1.13	.78	10	.0	0		8	3	0
HODGENVILLE-LINCOLN NP	71.5	48.2	59.9		81	3	30	17	184	0	0	2	0	4.60		1.06	13	.0	0		8	4	1
IRVINGTON	70.3	45.8	58.1	- 1.1	82	2	27	17	229	0	0	5	0	5.04	2.63	1.54	13	.0	0		7	6	1
LEITCHFIELD 2 N	69.5	46.6	58.1	- 1.4	82	2	29	17	223	0	0	3	0	5.86	3.21	1.55	13	.0	0		10	4	2
LOUISVILLE	71.7	50.9	61.3		81	3+	37	18	143	0	0	0	0	5.42		2.55	13	.0	0		8	3	2
LOUISVILLE WSO R	68.2	48.0	58.1	.2	80	6+	33	18+	220	0	0	0	0	4.79	2.54	1.94	12	.0	0		8	2	1
MAMMOTH CAVE PARK	70.3	46.9	58.6		82	2	28	17	210	0	0	4	0	3.80		1.15	20	.0	0		8	4	1
NOLIN RIVER RESERVOIR	70.9	43.5	57.2		84	1	30	18	240	0	0	2	0	5.30		2.60	13	.0	0		6	3	1
ROUGH RIVER DAM	69.9	44.6	57.3		83	3	30	18	251	0	0	3	0	5.53		1.82	13	.0	0		9	4	2
SCOTTSVILLE 3 SSW	70.0	50.4	60.2		82	2	34	17	161	0	0	0	0	3.67		1.15	14	.0	0		6	3	1
SUMMER SHADE	69.4	48.4	58.9		80	13	32	17	203	0	0	1	0	3.25		.87	14+	.0	0		4	3	0
WOLF CREEK DAM	72.1	47.0	59.6		82	14+	31	17+	184	0	0	2	0	4.94		1.22	14	.0	0		7	4	2
DIVISION			58.9	.0										4.54	2.07			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	72.7M	50.3	61.5M	2.5	83	2	31	17	146	0	0	1	0			.54	14	.0	0			1	0
CARROLLTON LOCK 1	70.6	48.1	59.4		80	3+	31	17	195	0	0	2	0	4.40	2.05	1.48	13	.0	0		8	3	1
COVINGTON WSO R	68.9	48.2	58.6	2.5	82	9	29	17	212	0	0	1	0	2.44	.18	.96	20	.0	0		6	1	0
CYNTHIANA 2	70.2	44.0	57.1		82	10+	26	18+	250	0	0	3	0	2.12		.58	14	.0	0		5	2	0
DANVILLE	69.7	47.3	58.5		81	14	30	18	214	0	0	3	0	2.85	.71	1.14	14	.0	0		7	1	1
DIX DAM	71.5	49.2M	60.4M		80	14	32	18+	167	0	0	2	0	2.91		1.23	14	.0	0		7	1	1
FALMOUTH 5 WNW	70.1	43.9	57.0		82	9	23	17	255	0	0	5	0	3.27	1.04	.72	21	.0	0		7	2	0
FARMERS 1 WNW	70.6	47.6	59.1	2.1	82	13+	29	18+	196	0	0	2	0	2.88	.62	.62	10	.0	0		7	3	0
FLEMINGSBURG 1 SW	69.2	47.7	58.5		82	9	27	17	216	0	0	2	0	2.70		.71	14	.0	0		6	3	0
FRANKFORT LOCK 4	70.5	44.8	57.7	- .5	80	8+	30	18	224	0	0	2	0	3.63	1.26	1.10	13	.0	0		7	4	1
LEXINGTON WSO R	67.5	47.8	57.7	- .4	78	9+	29	17	229	0	0	2	0	2.37	.09	.67	14	.0	0		5	3	0
MAYSVILLE SEWAGE PLANT	70.5	46.1	58.3	1.2	83	10	31	4	213	0	0	3	0	1.77	- .57	.47	10	.0	0		5	0	0
MOUNT STERLING	71.0	49.2	60.1		81	13+	30	17	171	0	0	2	0	2.52	.27	.90	14	.0	0		5	2	0
OWENTON	68.3	48.5	58.4		80	7	34	17+	212	0	0	0	0	3.14		1.02	21	.0	0		5	4	1
RICHMOND	69.4	47.5	58.5		82	14	30	17	213	0	0	2	0	3.40		.88	14	.0	0		9	1	0
SHELBYVILLE	68.3	45.8	57.1	- 1.5	79	3	30	18	247	0	0	3	0	4.09	1.60	1.07	14	.0	0		7	3	1
WARSAW MARKLAND DAM	69.6	45.5	57.6	- .5	80	10+	32	17	230	0	0	1	0	4.10	1.82	.97	13	.0	0		8	4	0
WAYNESBURG 7 NE	68.9	48.4	58.7		80	13	29	17	205	0	0	2	0	3.85		.71	29	.0	0		7	5	0
WILLIAMSTOWN 3 NW	69.4	48.0	58.7	.3	80	9	30	17	206	0	0	2	0	3.07	.70	.92	20	.0	0		7	1	0
DIVISION			58.6	.2										3.08	.79			.0					
* * * EASTERN 04																							
ASHLAND	69.1	45.8	57.5	- 1.3	85	10	29	17	240	0	0	2	0	4.78	2.88	1.25	30	.0	0		10	3	1
BARBOURVILLE																							
BAXTER	71.0	46.7	58.9		84	12	29	18+	200	0	0	3	0	4.16		1.50	30	.0	0		8	3	1
BLAINE	70.3	43.1	56.7		84	14+	24	18	260	0	0	7	0	5.80		1.83	30	.0	0		9	4	1
CUMBERLAND	M	M	M				25	18		0	0		0			1.21	29	.0	0				2

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 133

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	68.7	46.8	57.8		84	10	29	18	237	0	0	3	0	6.76		2.50	30	.0	0		10	6	1
GRAYSON 5 SE	70.0	43.5	56.8		85	14+	25	18	268	0	0	7	0	4.67		1.62	30	.0	0		9	1	1
HEIDELBERG LOCK 14	72.6	47.3	60.0		83	14	28	18	173	0	0	2	0	4.85	2.82	1.32	15	.0	0		9	3	2
HINDMAN 11 NNE	71.2	43.4	57.3		84	12	28	18+	242	0	0	3	0	5.36		1.80	30	.0	0			4	1
HYDEN	70.8M	46.0M	58.4M		82	14+	30	18	208	0	0	3	0	6.50		2.37	30	.0	0		9	3	2
JACKSON	72.9	46.7	59.8		87	14+	30	19+	181	0	0	3	0	4.87		2.07	30	.0	0		10	2	1
LONDON FAA AP	68.9	47.2	58.1		82	13	30	17	223	0	0	2	0	4.24		2.04	14	.0	0		5	3	2
MANCHESTER 4 SE	72.2	47.6	59.9		83	13+	29	17	164	0	0	2	0	5.01		1.98	30	.0	0		10	2	1
MC KEE	68.9	43.5	56.2		82	14	26	19+	274	0	0	5	0	4.15		1.02	15	.0	0		8	4	1
MIDDLESBORO	71.2	46.5	58.9		82	13+	28	18	199	0	0	3	0	5.75		2.19	30	.0	0		9	4	1
MONTICELLO	71.6	49.2	60.4		82	13	31	17	158	0	0	2	0	5.20		1.55	12	.0	0		8	4	2
MOUNT VERNON	73.0	48.4	60.7		82	12	28	17	154	0	0	2	0	3.82		1.30	29	.0	0		7	3	1
PIKEVILLE	73.0	50.0	61.5		86	9	30	17	136	0	0	1	0	4.46	2.37	1.65	29	.0	0		7	3	2
SOMERSET 2 N	71.1	46.2	58.7		80	13+	28	17	201	0	0	2	0	4.13		1.59	29	.0	0		6	2	1
STEARNS 1 W																							
TOMAHAWK 1 WSW	69.5	43.2	56.4		82	14+	25	18+	268	0	0	5	0	6.74		2.30	30	.0	0		9	5	2
VANCEBURG	72.3	45.7	59.0		86	9	25	17	200	0	0	4	0	3.10	.82	1.03	14	.0	0		6	2	2
WEST LIBERTY	70.5	44.5	57.5		84	14	28	19+	239	0	0	3	0	4.51		1.50	30	.0	0		7	5	1
WILLIAMSBURG 1 E	73.0	49.0	61.0	1.9	80	13+	31	17	143	0	0	1	0	6.84	4.49	1.87	30	.0	0		9	4	3
DIVISION			58.6	.3										5.03	2.75			.0					

EXTREMES

HIGHEST TEMPERATURE JACKSON	87	DATE	14+
LOWEST TEMPERATURE FALMOUTH 5 WNW	23	DATE	17
GREATEST TOTAL PRECIPITATION RUSSELLVILLE	9.21		
LEAST TOTAL PRECIPITATION GEORGETOWN WATER WORKS	1.64		
GREATEST 1 DAY PRECIPITATION RUSSELLVILLE	4.00	DATE	13

See Reference Notes Following Station Index

KENTUCKY - OCTOBER 1970

SPECIAL WEATHER SUMMARY

It was a wet October over Kentucky except for a good part of the Blue Grass which received moderate rainfall. In much of west Kentucky it was one of the wetter Octobers of this century. Greenville had just over 8 inches, making it the third wettest October there in 55 years. Over much of the State the number of days with 0.01 inch or more of rain was 25 to 100 percent greater than long-period averages. It was a relatively cloudy month, in contrast to the usual or average October with many sunny days. Over much of the northern and western portions, for example, the number of cloudy days was 30 to 75 percent above long-period averages.

Reports received indicated relatively few damaging storms during the month, with no reports of fatalities or injuries, or of major damage due to storms. On the afternoon of the 11th thunderstorms broke out in eastern Kentucky, and hail the size of ping pong balls was reported in Floyd County. The first widespread frost of the season occurred on the 16th, and minimum temperatures were near freezing or below on the 17th and 18th over much of the State.

Allen B. Elam, Jr.
NOAA Climatologist - Kentucky
Agricultural Experiment Station
University of Kentucky
Lexington, Kentucky 40506

Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issue of STORM DATA.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	4.94						T		.28	1.40		.15	.42	1.36	.03					.07	.52				.10			.03	.49	.09		
BEAVER DAM	7.66								.46	1.02			.94	2.60	1.14						.67								.04	.79		
CALHOUN LOCK 2	6.92		T						.21	.22	1.40		.65	1.07	1.66	.11					.73	.05				.07			.06	.69		
COBB	7.47								.36	.43	1.05		1.02	1.33	1.43	T					.48	.65	T	T	T				.10	.62		
DAWSON SPRINGS	7.33								.47	1.45	.27	T	1.10	1.60	1.07						.52	.03			.05				.04	.73		
DUNDEE	8.78								*	*	1.49		.52	2.72	.99						.78	.60			*	.90				.78		
DUNMOR	8.04								.68	1.30			.83	2.50	.85	.03					.85	.03							.07	.99		
ELKTON 2 S	8.19								.25	.36	1.51	.01	.64	3.10	.19	.03					.75	.04				.11			.10	.10		
FORDS FERRY DAM 50	6.17		T						.44	2.59		T	.33	.35	1.20						.41	.02			T	.03			.06	.74	T	
FRANKLIN 1 E	3.49								.08	T			.46	.84	.08	.02					.78	.39				.27			.06	.51		
GILBERTSVILLE KY DAM	5.87							T	.38	1.85		T	.95	1.34	.32					.06	.30		T		.08	T	T		.16	.41		
GOLDEN POND 8 N	-								.42	1.95	.09	.03	.78	2.30	.40					T	.23	T			.08	T	.01	.01	-	-		
GREENVILLE 2 W	8.11								.34	1.27		.08	2.10	1.71	.61					.05	.75				.05				.23	.92		
HARTFORD 6 NW	9.01									1.79			.61	3.26	1.12	.04					1.06	.10				.06			.03	.94		
HENDERSON 7 SSW	4.47		T						.67	.80		.03	.42	1.06	.27					.03	.48	T			.02	T		.02	.40	.27		
HICKMAN 1 E	4.93							.02	T	1.64		.11	.43	1.53	.03					.27	.21				.13	T		.08	.34	.14		
HOPKINSVILLE	8.28								.14	.26	.93	.02	1.80	2.28	.61	.07					.39	.14			.02	.11	T		.05	1.46		
LOVELACEVILLE	4.28								.24	2.15		.17	.20	.45						.09	.38				.07			.02	.37	.14		
MADISONVILLE 1 SE	7.73		T						.27	.71	1.18		.68	1.63	1.65	.07					.54	.07				.05			.20	.68		
MAYFIELD RADIO WNGO	7.05								.31	2.02		T	1.33	1.94	.23					.12	.39							T	.40	.31		
MURRAY	5.77								.46	1.43		.20	1.01	1.05	.12					.27	.46				.04				.42	.31		
OWENSBORO 2 W	7.37								.30	.80	.75		.55	1.48	1.78						.93	.05			T	.03				.70		
OWENSBORO DAM 46	7.20		.08						.34	.16	1.50		.60	1.05	1.76	T					.97	.06				.02			.02	.64		
PADUCAH FAA AIRPORT	4.04							.13	.05	1.99	.01	.22	.09	.51	.03					.37	.05				.06			T	.53			
PADUCAH SEWAGE PLANT	4.43								.30	2.03		T	.33	.16	.53	.01					.51				.06	.02		T	T	.48		
PARADISE STEAM PLANT R	6.63								.23	.30	1.05		.72	1.22	1.32	.04					.77	.02				.04			T	.92	T	
PRINCETON 1 SE	7.32		T						.81	1.05		.10	1.39	2.64	.14	.02				.03	.36				.01	.02			.22	.53		
ROCHESTER LOCK 3	6.90								.18	.34	*	*	1.69	2.24	.65	.08					.66	.06				.05			.03	.92		
RUSSELLVILLE	9.21								.15	.35	.71		.10	4.00	1.70	.02					.95	.05			T	.20			.06	.92	T	
SEBREE	7.22		.05						T	2.50		.06	.67	2.36	.15						.62								.14	.67		
UNIONTOWN DAM 49 //	5.11								.25	1.98	.08		.27	.13	1.36						.30	.01							.06	.67		
* * * CENTRAL 02																																
ADDISON DAM 45 //	7.63		.03						.18	.51	.89		.17	1.85	2.15						.74	.19							.10	.80	.02	
ALBANY 4 N	3.16								.25		.18		.47		.67						.42									.63	.54	
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARDSTOWN	4.76								.55		.48		.01	1.20	.66	.08					.95	.20				.13			.05	.45		
BARREN RIVER RESERVOIR	5.22		T						.22	.08	.51		.05	.63	.48	.04	.01				.60	1.27				.04			.08	.58	.63	
BERNHEIM FOREST	5.02		T						.60	T	.89		.03	1.44	.46	.01					.85	.07				.01			.19	.47		
BOWLING GREEN	4.14								.08	.12	.37			1.37	.05	T					.85	.50				.05				.75		
BOWLING GREEN FAA AP	3.75							.01	.17	.34			.46	.67	.15	T				.60	.51				.11				.21	.52		
BRADFORDSVILLE	3.27		.04						.23		.42		.05		.80	.02					.61	.50				.12				.44	.04	
BROWNSVILLE	4.85		.03						.09	.15	.35		T	2.24	.05	.01	T				.95	.22				.01			.10	.62	.03	
BURKESVILLE 2 W	4.13								.22		.73		1.11		.85						.48	.09								.36	.29	
CAMPBELLSVILLE 2 SSW	3.57		T						.38	T	.75	T	.02	.10	.78	.02					.74	.28			T	.05				.45		
CANEYVILLE	6.15								.08	.33	.70		.06	2.10	1.04						1.00	.11							.10	.63		
CECILIA	5.10		.03						.40	.30	.18		.10	1.98	.24						1.13				.10				.16	.48		
EDMONTON	3.32		.05						.20	.05	1.02		.10		.67						.45	.38								.25	.15	
GAMALIEL 1 S	3.72								.22	.04	.82		.26		1.13	.02	.03				.58	.12				.03			.02	.30	.15	
GLASGOW	4.31		.06						.40	.08	.62			.54	.55						.75	.65				.02			.02	.58		.04
GLASGOW WKAY	4.35		.01						.47	.04	.52			.50	.71	.02					1.11	.34							.13	.50		
GLENDALE 1 E	5.21								.25	.25	.48			2.00	.38		T				.82	.40				.05				.58		
GREENSBURG	3.51		.04						.35	.12	.78		T	.14	.76		.02				.51	.32	T			.03			T	.39	.05	
GREENSBURG HIWAY 61	3.50		T						.29	.10	.75		T	.13	.72		.04				.64	.34	T			.03			.03	.30	.13	
HODGENVILLE-LINCOLN NP	4.60		T						.42	T	.25		T	1.06	.95	T					.85	.31				.09			.17	.50		
IRVINGTON	5.04								.50	.63	.08		.19	1.54	.61						.90	.02				.02	.01		.03	.51		
LEITCHFIELD 2 N	5.86		.12						.06	.31	.40		.03	1.55	1.45	.13	T				.80	.18				.10			.07	.66		
LIBERTY	3.87								.14	.25	.28	.03	.53		1.49		.04				.40	.10							.26	.35		
LOUISVILLE	5.42		T						.52	T	.27		T	2.55	.24	.26					1.00	.05				.05			.15	.33		
LOUISVILLE WSO R	4.79		T						.35	.37			1.94	.49	.34	T				.09	.67								.23	.31		
LOUISVILLE UPPER GAGE	5.87		T						.23	.38	.25		.02	2.20	.90	.30					.60	.48				.02			T	.44	.05	
MAMMOTH CAVE PARK	3.80		.02						.51	.02	.36	.05	.06	.51	.28	.02					1.15	.14			T				.11	.57		
MILLERSTOWN	5.69								.29	.09	.20			3.11	.24	.01	T				.82	.26		T	T	.05	T	T	.06	.54	.02	T
MUNFORDVILLE	4.71		.01						.38	.14	.58		T	.70	.82	T					.85	.69				T			.05	.46	.03	
NOLIN RIVER RESERVOIR	5.30		.03						.08	.09	.47			2.60	.07	.03	T				.93	.18				T			.11	.68	.03	
ROUGH RIVER DAM	5.53		T						.07	.23	.75		.1	1.82	1.23	.18					.80	.10				.10			.07			
SCOTTSVILLE 3 SSW	3.67								.20	.48					1.15	.04					.71	.05			.08				.16	.80		
SCOTTSVILLE 2 SW	2.99								.15	T	.65		T	.38	.32	T	T				.52	.30				T			.05	.60	.02	
SHEPHERDSVILLE	4.96								.33	.15	.70	.67		1.15	.41						.70	.28							.03	.54		
SUMMER SHADE	3.25		.03							.87	.07	.03			.87					T	.85	.08			T				.05	.40		
WOLF CREEK DAM	4.94		.03						.29		.86		1.14		1.22						.45	.02								.57	.36	
WOODBURY LOCK 4	7.80								.07	.21	.94	T	T	3.82	.69	.06					.94	.28							.07	.72	T	
* * * BLUE GRASS 03																																
BEREA COLLEGE	-								.16		.26	.31	.04		.54						.28	.06								-	.12	
BEREA	2.61			T						.14	.29	.08	.24	.04	.50	.07	.09				.24	.02	.07			.03				.30	.50	
CARROLLTON LOCK 1	4.40								.01	.26	.46			1.48	.48	T					.53	.83								.25	.10	
COVINGTON WSO R	2.44								.04	.24	.06		.27	.21	.48	.01					.96	T			T			T	.02	.15	T	
CYNTHIANA	2.11									T	.13	T	T	.07	.54	T					.41	.22	T			.09				.12	.53	
CYNTHIANA 2	2.12										.12	.04		.09	.58	.02					.48	.18				.08					.53	
DANVILLE	2.85									.22	.17	.04	.11	.01	1.14	T	.04				.48	.01	.03			.05				.10	.45	
DIX DAM	2.91								T	.14	.15			.11	1.23	.08					.44	.07	.03			.02				.23	.41	
FALMOUTH 5 WNW	3.27									.03	.47	T	T	.65	.46	.12	T				.37	.72				T				.07	.38	
FARMERS 1 WNW	2.88			T						T	.62	.29	T	T	.53	.21	.03				.34	.06	.04			.04				.20	.50	.02
FLEMINGSBURG	2.88										.64	.02	.54	.03	.46	.30					.33	.05				.03				.13	.32	.01
FLEMINGSBURG 1 SW	2.70								T		.61	.50		.03	.71	.02					.38	T			.01					.34	.10	
FORD LOCK 10	2.82			T						.16	.38		.12	T	1.12	T	T				.45	.08	.06	T		T			.07		.38	
FRANKFORT LOCK 4	3.63		T						T	.20	.89	T		1.10	T	T					.62	.50								.20	.12	
GEORGETOWN WATER WORKS	1.64									.06				.16	.14	.05					.50	.18								.30	.25	
GEST LOCK 3	3.47								T	.10	.68			.57	.78		T				.55	.56	T							.15	.08	
HIGH BRIDGE LOCK 7	2.54								T	.15	.12		.05	.06	.95	T	.02				.47	.10	.02			T				.15	.45	
KEENE 1 SSW	2.59									T	.30			*	.68						*	.21								.92	.48	
LA GRANGE 1 ESE	3.84								.27	.01	.42		.01	1.16	.54	.02					.85	.04	.01						.04	.39		
LANCASTER	3.45									.18	*	*	.55		1.44		.06				.36	.05				.07				.32	.42	
LEXINGTON WSO R	2.37		.02						.03	.18	.02	T	.03	.03	.67	.02				T	.53	.06			.01				.01	.60	.16	
LITTLE HICKMAN LOCK 8	2.69			.01						.16			.35		1.02		.05				.38		.17							.17	.38	
LOCKPORT LOCK 2	3.08								T	.18	.42			.57	.66						.70	.48									.07	
MAYSVILLE SEWAGE PLANT	1.77									T	.47	T	.04	.08	.41	.06	T				.26	.19	T			T				.04	.22	
MIDWAY	2.72									.09	.51			.18	.69						.65	.29								.31		
MOUNT STERLING	2.52		T						.04		.47	.10	T		.90	T					.54	T	T		.04				T	.35	.08	
OWENTON	3.14									.06	.52			.72	.59		T					1.02				T				.17	.06	
RICHMOND	3.40									.22	.39	.14	.10		.88	.03	.09				.45	.05	.35			.04				.20	.46	
SALVISA LOCK 6	2.64		.02						T	.14	.45		.04	.11	.45	T	.03				.50	.32	.03			T				.18	.37	
SHELBYVILLE	4.09								.07	.30	.52			.88	1.07	T					.49	.32								.37	.07	
SPRINGFIELD	3.46								.20	.06	.80			.20	.89	T	T				.44	.48	T			.09				.30		
TAYLORSVILLE	-								.18	.26	.50			.65	1.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYRONE LOCK 5	3.69		.03						.02	.14	.83		.02	.28	.84	.02	T				.56	.39	.05	T		T				.26	.25	
VALLEY VIEW LOCK 9	2.10			T						.11	.12		.08	T	.64	T	.01				.41	.07	.06			.04	T			.14	.42	T
WARSAW MARKLAND DAM	4.10								T	.14	.75		.06	.97	.60	.06					.44	.74	.02							.12	.20	

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

KENTUCKY
OCTOBER 1970

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.85									.24	.50		.60		.70	.06	.09				.41	T								.71	.54	
WILLIAMSTOWN 3 NW	3.07								.14	.03	.42	.01	.05	.49	.48	T					.92	.16	.01		T	T	T		.03	.31	.02	
• • •																																
EASTERN 04																																
ASHLAND	4.78									.03		.40	.35		.34	.40					.21	.57	.12			.01				.73	1.25	.37
BARBOURVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAXTER	4.16									T	.08	.07	.13		.05	.65	T				.38	.33	.10							.37	1.50	.50
BLAINE	5.80									.05		.45	.77		.37	.30					.32	.61	.05			.04				.72	1.83	.29
BUCKHORN	4.24								T	T	.10	.25			.21	.39	.07				.35	.20	.02	T						.35	2.25	.05
BURDINE 2 NE	4.38										.19		.10		T	.10					.40	.65								.70	1.05	1.19
CLAY CITY 1 WNW	3.28									.08	.75	.15	.20		.65	.35					.43	T	T			T	.05			.20	.42	
COLLEGE HILL LOCK 11	3.09									.20	.21	.25	.15	T	.88	.05	.04				.52	.03	T			.03				.30	.43	
CUMBERLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	.06	T			.50	.32	.05		.02	.01				1.21	1.20	.03
CUMBERLAND FALLS ST PK	4.61		T						.32		.71	T			1.62						.24	T							T	1.15	.57	
DEWEY DAM	6.76									.04	.05	.10	.95			.53	.15				.30	.66	.21	.05						.50	2.50	.72
ELKHORN CITY	3.33											.06				.03	.07				T	.91	.07		T						1.43	.76
FISHTRAP RESERVOIR	4.39										.03	.05	.18			.10	.05				.34	.61	.07	.03	T					.43	1.40	1.10
FREEBURN 2 SW	3.79										.05	.10	.11			.10	.06				.30	.42	.10							.42	1.38	.75
FRENCHBURG	3.11										.30	*	*	*	*	1.10					.54									.52	.65	
GRAYSON 5 SE	4.67									.03	.09	.49	.09		.34	.37	.03				.29	.45	.17			.03				.48	1.62	.19
GRAYSON RESERVOIR	4.86									T	.04	.70	.24		.18	.56					.32	.61	.06	.03		.02				.53	1.50	.07
HAZARD WATER WORKS	6.05								.04	.04	.10	.28	.19		.09	.65	.11				.57	.46	.06							.46	2.55	.45
HEIDELBERG LOCK 14	4.85									.10	.57	.38	.09		.31	1.32	T				.34	.14	.07		T	T				.46	1.07	T
HINDMAN 11 NNE	5.36										*	*	.40		.05	.43	.24				.35	.70	.06							.63	1.80	.70
HYDEN	6.50									.04	.08	.29	1.15		.20	.72	.07				.39	.45	.04							.40	2.37	.30
JACKSON	4.87										.10	.32	T		.45	.49	.11				.46	.22	.10			.01				.54	2.07	
JEREMIAH	4.14									T	.25	T	.55		.23	T	T				.67	.18	T			T				1.50	.76	T
LLOYD GREENUP DAM	4.29										T	1.40	.39	T	.16	.34					.12	.48	.09							.23	.95	.13
LONDON FAA AP	4.24		T						.03	T	.60	.05			2.04	T	T			T	.27	T	T		.04				T	1.06	.15	
LOUISA 2	5.81									T		.25	.10		.05	.49	.03				.20	.57	.28			T				.48	2.59	.77
MANCHESTER 4 SE	5.01									.11	.17	.25	.26		.43	.72					.39	.18	.06							.41	1.98	.05
MARTIN	5.32											.33	.47		.12	.35					.48	.60	.09							.49	1.90	.49
MC KEE	4.15								T	.19	.58	.13	T		.38	1.02	.06				.42	.04	.05			.02				.57	.69	
MIDDLESBORO	5.75		T						T	.21		.61	.65		.44	.55					.41	.31	.01			.07				.27	2.19	.03
MONTICELLO	5.20			.02					.18	.14	.26	.02	1.55		1.13	.06	.08				.31		.02							.63	.80	
MOUNT VERNON	3.82		T						.23		.30	.50	.04		.77	.02					.37	.09			T					1.30	.20	
ONEIDA	5.17									.15	.40	.22	.30		.48	.65					.41	.20								.43	1.93	
PAINTSVILLE 1 S	6.04										.10		.42			.72					.46	.60								.46	2.50	.78
PIKEVILLE	4.46										.10	.06	.25		.07	.15	.01				.44	.52	.03							1.65	1.14	.04
PINEVILLE 4 NW	5.56										.33	.56	.19		.42	.94	.02				.19	.32	.04			.06				.33	2.13	.03
RAVENNA LOCK 12	2.98								T	.10	.69	.04	.03		.33	.12	.02				.38		.08			.02				.48	.69	
SALYERSVILLE 2 SE	5.16										.05	.12	.05		.12	.26					.56	.69	.05							.50	2.50	.26
SOMERSET 2 N	4.13		.01						.35		.37	.46	.03		.80	.01	.02				.40	T			T	.01			T	1.59	.07	.01
STEARNS 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TILFORD	6.13				T	1.00	.05	.12			T	.10	.2[illegible]	T	1.29						1.00				.29						1.99	
TOMAHAWK 1 WSW	6.74									.05		.02	.35		T	.50	.10				.39	.66	.22	T		T				.75	2.30	1.40
VANCEBURG	3.10										1.00	.18		.02	1.03	.01					.42					.03				.26	.15	
WEST LIBERTY	4.51			T						T	.17	.57			.25	.58	.04				.05	.55	.03			T				.73	1.50	.04
WILLIAMSBURG 1 E	6.84									.14	.54	.21	.4[illegible]		1.35	1.55					.30		.04							.38	1.87	.06
WILLOW LOCK 13	3.88								T	.07	.62	.24	.01		.38	.85	.02				.34	.05	.03			T				.47	.80	T

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	16	2.2	7.1	24++	15	09	76	81	57	66	4	4	5	1	0	0	14	-	6.5
LEXINGTON WB AIRPORT	14	2.7	7.1	25++	16	09	78	84	60	68	2	9	2	3	0	0	16	-	6.2
LOUISVILLE WB AIRPORT	15	2.1	7.2	35	SE	09	84	90	61	68	2	1	6	1	1	0	11	51	6.1

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	81	84	78	70	79	75	74	74	72	60	73	71	75	69	62	58	60	60	59	61	65	69	70	70	62	77	71	69	62	70	67	69.3
	MIN	50	61	49	35	40	49	61	63	50	36	38	58	59	58	51	38	32	36	40	43	41	39	46	46	42	44	59	49	40	35	36	45.9
BEAVER DAM	MAX	78	84	82	70	81	80	80	76	70	62	71	73	79	70	68	60			63	61	62	65	70	68	70	75	73	68	61	67	68	70.9
	MIN	46	51	52	32	38	51	59	62	52	34	40	59	63	59	53	36			44	53	52	36	40	53	52	47	52	55	48	30	34	47.7
FORDS FERRY DAM 50	MAX	77	85	71	70	80	79	78	70	71	60	72	70	76	69	62	56	59	66	60	61	63	67	72	65	68	76	74	67	61	70	63	69.0
	MIN	54	60	49	40	46	55	64	63	49	43	44	60	62	57	50	42	36	39	40	55	48	45	50	50	52	50	61	49	44	40	46	49.8
GILBERTSVILLE KY DAM	MAX	32	84	84	73	78	78	76	75	76	68	75	77	77	68	64	61	60	75	65	62	67	65	71	70	68	74	73	68	63	70	69	71.5
	MIN	54	63	56	42	50	44	66	65	53	42	44	61	65	60	52	39	36	42	52	55	50	45	52	57	58	52	62	52	45	42	45	51.6
GOLDEN POND 8 N	MAX	75	77	83	73	71	80	78	79	72	65	61	71	70	76	68	68	66	62	70	58	67	69	72	76	71	72	78	71	76	61	69	71.1
	MIN	52	55	59	41	43	48	60	63	55	39	45	50				36	34	40	43	55	52	45	45	50	56	52	52	53	46	37	38	48.0
GREENVILLE 2 W	MAX	80	83	81	71	83	81	78	74	70	61	73	71	79	72	67	58	60	68	64	62	63	66	70	67	69	75	73	68	60	70	68	70.5
	MIN	49	52	52	34	39	46	58	62	49	35	41	59	63	61	52	38	30	35	48	54	52	37	40	53	51	46	52	57	47	32	40	47.2
HENDERSON 7 SSW	MAX	78	85	73	71	81	79	79	74	69	61	71	70	77	70	62	56	60	65	61	61	64	66	70	64	70	75	71	67	62	69	63	69.7
	MIN	48	59	51	38	42	54	62	62	54	43	41	59	64	62	51	39	34	34	48	54	52	39	44	54	52	46	57	50	43	39	42	48.9
HICKMAN 1 E	MAX	81	85	78	72	80	76	74	76	74	62	74	73	74	69	63	58	60	67	65	66	66	70	74	71	65	79	72	69	65	71	68	70.9
	MIN	51	61	54	37	43	49	61	64	49	35	40	58	63	59	53	39	33	38	51	50	42	41	49	55	52	49	60	49	38	36	39	48.3
HOPKINSVILLE	MAX	86	82	86	78	74	84	78	79	70	69	65	73	72	79	68	64	61	63	70	59	62	64	68	69	66	68	76	73	67	65	69	71.2
	MIN	51	51	55	38	38	42	54	62	63	37	36	48	61	61	54	40	37	37	39	53	52	40	40	44	54	48	48	56	47	34	35	46.9
LOVELACEVILLE	MAX	83	85	77	72	81	75	74	72	67	61	75	70	76	68	63	60	59	66	60	61	67	70	71	66	62	78	72	67	65	71	67	69.7
	MIN	50	60	50	34	39	46	62	64	48	38	40	60	62	60	52	37	33	36	51	55	41	40	47	55	50	45	58	49	40	33	37	47.5
MADISONVILLE 1 SE	MAX	80	85	83	78	82	80	79	75	70	62	71	71	79	71	65	59	61	68	64	62	64	67	71	69	70	76	72	68	62	69	68	71.0
	MIN	48	54	53	35	41	48	60	60	50	37	40	57	64	60	51	37	31	34	46	53	51	39	41	53	51	47	53	51	47	33	38	47.2
MAYFIELD RADIO WNGO	MAX	83	82	81	74	82	79	72	70	70		76	75	73	69	64	59		68	67	61	67	72	73	73	64	78	77	69	66	72	68	71.9
	MIN	49	61	50	42	44	49	59	61	53		43	51	62	58	52		31	41	50	55	45	38	44	55	51	44	55	49	40	33	39	48.4
MURRAY	MAX	80	82	74	70	78	77	76	72	71	61	72	73	77	65	63	58	59	67	61	61	64	67	72	67	67	75	75	67	61	68	67	69.3
	MIN	53	60	58	39	43	54	63	63	50	38	43	61	64	58	52	42	35	38	52	55	50	40	47	56	55	48	57	50	45	35	40	49.8
OWENSBORO 2 W	MAX	77	85	80	74	82	82	77	69	64	64	68	70	78	72	66	62	64	66	64	61	64	75	78	67	70	75	71	66	65	70	69	70.8
	MIN	50	52	50	37	40	52	64	64	39	42	39	57	62	58	50	39	34	33	44	51	52	40	43	54	53	49	53	53	47	34	40	47.6
PADUCAH FAA AIRPORT	MAX	79	84	73	72	79	75	75	72	70	61	73	70	76	64	63	59	59	67	62	62	66	68	70	63	63	76	72	67	64	69	65	69.0
	MIN	52	62	47	39	44	56	62	65	44	41	40	62	63	56	45	36	33	36	52	45	42	41	50	50	49	47	62	48	39	40	42	48.1
PADUCAH SEWAGE PLANT	MAX	82	80	85	73	72	82	77	78	73	62	62	74	70	77	65	63	58	59	67	63	61	66	68	71	65	66	78	73	62	63	70	69.8
	MIN	54	55	54	39	38	44	54	63	58	42	43	48	62	62	52	42	36	38	39	53	44	44	44	51	55	49	52	60	43	35	37	48.1
PRINCETON 1 SE	MAX	81	83	81	71	80	78	77	76	67	62	71	73	77	67	63	60	60	68	66	62	65	67	70	68	70	75	73	70	62	69	69	70.4
	MIN	50	58	54	35	41	45	64	63	50	37	41	59	62	61	48	38	34	36	50	54	51	36	47	55	57	45	55	51	45	33	41	48.3
ROCHESTER LOCK 3	MAX	81	77	80			80	78	77	72			73	74	79	67	60				63	62	60	64			68	75	72	66	60	67	70.7
	MIN	45	45			36	39	55	59	62			46	59	62	54	38			47	43	53	40	40			47	47	51	48	33	32	47.0
RUSSELLVILLE	MAX	83	70	84	76	71	81	80	75	72	75	66	71	75	79	65	57	59	62	69	62	62	59	67	71	65	68	74	74	65	60	66	69.8
	MIN	47	48	57	33	36	44	58	62	62	34	34	49	61	61	55	37	32	31	37	52	53	36	36	43	54	45	46	56	48	32	34	45.6
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN	MAX	78	82	81	68	78	80	78	75	79	76	70	77	79	78	69	58	57	64	66	63	61	64	74	70	71	75	75	71	61	65	71	71.4
	MIN	44	48	54	34	40	50	58	60	61	40	50	57	64	61	52	36	28	28	40	50	53	38	36	51	53	51	50	57	51	36	33	47.2
BARREN RIVER RESERVOIR	MAX	84	78	83	75	70	81	80	77	75	76	64	75	79	82	69	60	56	61	70	65	64	59	67	73	67	70	77	76	64	55	65	70.9
	MIN	50	49	59	35	35	48	57	61	62	39	39	44	61	62	58	40	37	37	35	50	54	47	43	45	55	49	49	54	50	34	33	47.5
BERNHEIM FOREST	MAX	80	82	80	70	78	79	78	77	77	75	76	76	78	77	70	57	60	65	68	65	61	66	73	73	72	76	78	70	61	67	68	72.0
	MIN	43	48	52	35	38	49	56	61	64	38	45	56	64	62	52	32	29	29	36	50	53	36	39	49	50	51	49	56	50	33	34	46.4
BOWLING GREEN FAA AP	MAX	78	84	76	72	81	80	79	74	72	64	77	78	81	69	62	58	60	70	65	63	59	67	72	66	70	77	74	65	58	68	72	70.7
	MIN	50	54	49	37	41	49	60	61	46	37	44	59	64	61	45	38	32	36	49	55	47	39	43	53	51	49	50	55	39	34	34	47.1
BRADFORDSVILLE	MAX	80	76	80	73	71	79	81	76	78	78	65	72	81	82	76	58	56	62	68	68	65	60	68	76	68	73	78	78	63	62	67	71.5
	MIN	48	47	52	32	36	46	52	60	61	43	53	57	63	61	51	36	25	28	39	51	54	45	38	47	51	58	46	57	52	35	32	47.0
CAMPBELLSVILLE 2 SSW	MAX	74	74	77	69	78	78	76	72	77	73	70	78	80	78	67	54	58	65	65	64	63	65	70	67	74	75	75	75	64	60	69	70.5
	MIN	46	50	61	37	40	53	57	60	63	44	54	58	64	62	53	38	29	30	45	50	47	47	50	50	54	58	50	57	50	40	35	49.4
CECILIA	MAX	76	81	79	68	72	79	76	74	74	62	75	75	78	73	66	55	58	62	66	60	64	68	72	70	69	74	72	67	60	65	67	69.6
	MIN	46	50	54	34	39	51	50	56	56	37	45	57	63	61	53	36	30	30	42	51	48	35	39	52	50	48	48	55	48	32	33	46.1
GLASGOW WKAY	MAX	76	81	77	68	78	78	76	72	74	63	73	77	80	70	63	53	58	68	63	63	60	65	70	64	68	74	73	65	60	64	68	69.1
	MIN	49	50	57	35	39	50	59	60	54	38	48	58	63	60	52	37	32	34	46	52	52	44	39	51	53	46	48	55	49	35	35	47.7
GREENSBURG	MAX	82	78	82	74	71	80	81	79	74	78	67	73	80	82	72	60	57	63	69	66	63	66	70	73	67	69	78	77	62	60	69	71.7
	MIN	47	46	55	36	38	40	46	50	61	45	45	57	59	62	58	39	31	32	37	45	55	50	44	44	52	53	48	50	52	38	35	46.8
HODGENVILLE-LINCOLN NP	MAX	80	80	81	71	78	79	78	77	76	74	75	77	78	78	68	54	58	66	67	63	61	66	72	72	70	75	74	72	61	66	69	71.5
	MIN	48	51	54	35	43	53	60	60	64	39	46	58	64	60	54	36	30	31	42	52	53	39	40	50	54	50	52	54	50	35	37	48.2
IRVINGTON	MAX	78	82	80	69	79	80	76	78	70	67	67	74	77	76	70	57	55	65	63	63	59	64	72	72	70	75	75	70	62	65	69	70.3
	MIN	43	47	51	32	32	53	61	61	54	35	43	57	63	59	53	35	27	28	40	50	52	36	39	50	48	47	51	56	52	31	33	45.8
LEITCHFIELD 2 N	MAX	76	82	73	68	79	80	78	72	70	64	76	75	79	71	63	56	59	66	65	62	61	65	71	67	69	75	73	69	60	64	68	69.5
	MIN	46	50	56	35	39	47	58	61	55	37	40	57	65	63	54	38	29	31	41	52	53	37	40	49	52	48	47	56	45	32	33	46.6
LOUISVILLE	MAX	80	81	81	71	77	79	79	76	75	75	67	73	75	75	72	56	60	65	69	68	60	64	72	74	72	77	78	74	63	64	70	71.7
	MIN	49	53	55	40	43	52	61	61	62	42	51	59	64	63	54	39	38	37	44	50	55	45	47	57	56	56	56	57	51	40	40	50.9
LOUISVILLE WSO	MAX	72	80	70	67	77	80	78	67	76	61	69	75	76	72	61	55	58	63	67	59	58	64	71	65	71	75	73	64	59	64	67	68.2
	MIN	47	51	49	38	42	50	59	62	50	41	50	58	65	61	45	37	33	33	41	51	51	43	43	52	53	53	52	58	44	38	38	48.0
MAMMOTH CAVE PARK	MAX	80	82	81	72	78	78	77	75	73	70	68	75	79	72	66	54	59	68	65	61	61	66	71	67	69	75	73	69	61	66	69	70.3
	MIN	46	49	56	33	38	52	58	60	63	39	45	60	62	59	53	37	28	32	43	52	52	37	38	51	52	46	50	54	49	29	32	46.9

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DAILY TEMPERATURES

KENTUCKY
OCTOBER 1970

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	84	78	83	73	71	80	80	78	73	74	64	77	77	80	69	58	60	61	68	65	62	60	69	73	68	71	76	75	64	59	68	70.9
	MIN	48	48	47	33	35	40	43	55	62	39	38	44	51	52	56	41	31	30	34	41	47	43	42	43	43	48	48	53	49	33	33	43.5
ROUGH RIVER DAM	MAX	80	78	83	71	71	81	80	78	70	70	63	75	73	79	70	60	56	60	68	65	61	60	66	73	67	70	76	72	64	60	68	69.9
	MIN	44	44	52	33	33	41	58	60	60	35	35	43	58	60	53	36	31	30	32	47	51	39	38	44	53	49	50	56	47	35	35	44.6
SCOTTSVILLE 3 SSW	MAX	77	82	75	69	78	78	75	73	74	63	73	76	78	74	65	56	60	69	64	65	63	65	71	66	69	76	74	67	60	65	70	70.0
	MIN	52	59	54	38	48	54	60	61	55	40	50	58	62	61	52	39	34	39	52	54	54	47	42	55	57	50	53	54	49	37	43	50.4
SUMMER SHADE	MAX	74	79	72	67	76	78	77	73	75	63	69	77	80	77	64	53	60	67	64	66	60	63	75	67	72	75	74	62	60	65	68	69.4
	MIN	48	50	52	35	40	52	58	60	58	43	52	57	63	62	52	38	32	35	45	52	54	48	40	52	52	45	50	55	50	35	36	48.4
WOLF CREEK DAM	MAX	82	78	82	76	74	80	80	78	75	78	69	67	81	82	79	62	57	64	70	67	59	62	72	68	70	76	77	77	68	59	67	72.1
	MIN	47	49	49	38	36	44	52	58	58	31	50	52	59	62	57	40	31	35	37	46	45	45	50	54	52	51	47	47	57	37	40	47.0
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	75	83	76	68	77	80	77	73	80	77	65	80	82	81	75	59	58	63	74	71	64	68	71	69	74	79	75			62	72	72.7
	MIN	48	52	59	39	43	55	56	62	65	47	44	53	61	62	57	37	31	33	43	56	55	52	41	51	54	54	56	55	51	47	39	50.3
CARROLLTON LOCK 1	MAX	76	80	80	67	77	79	79	77	79	78	70	71	76	76	67	53	57	63	66	66	61	64	70	69	72	75	74	74	61	65	68	70.6
	MIN	44	47	56	35	39	48	55	61	63	42	47	59	63	63	52	37	31	32	34	49	53	50	41	50	54	55	48	60	49	40	35	48.1
COVINGTON WSO	MAX	69	80	68	67	78	80	76	73	82	62	71	70	75	72	62	55	59	63	67	58	60	63	70	68	75	75	76	66	62	66	67	68.9
	MIN	45	49	41	36	45	53	58	63	55	43	51	60	64	62	45	37	29	33	36	50	53	48	43	49	56	56	55	59	43	38	38	48.2
CYNTHIANA 2	MAX	79	73	79	71	69	76	82	77	70	82	66	70	75	81	78	60	55	59	65	68	65	58	66	70	65	76	76	76	63	60	65	70.2
	MIN	45	42	52	33	33	37	44	48	60	47	47	50	56	61	58	35	26	26	28	33	51	54	38	40	48	48	46	48	57	40	33	44.0
DANVILLE	MAX	80	75	79	71	69	77	79	76	68	77	62	67	80	81	76	61	55	59	67	66	68	59	64	70	67	74	75	75	61	58	64	69.7
	MIN	47	47	58	39	39	44	53	56	59	47	46	54	59	60	60	36	31	30	32	41	52	49	42	42	48	53	54	54	55	41	37	47.3
DIX DAM	MAX	78	79	78	71	76	78	78	76	77	77	68	76	79	80	76	60	56	64	66	68	66	62	69	68	74	75	75	74	61	63	69	71.5
	MIN	47	52	58	40	40	51	54	60	61	46	52	59	64	60		38	32	32	40	49	55	47	42	48	54	53	51	55	55	42	38	49.2
FALMOUTH 5 WNW	MAX	73	79	76	68	77	80	78	72	82	77	71	71	77	75	68	54	59	64	69	58	60	66	70	66	75	75	75	64	59	66	70	70.1
	MIN	35	41	48	29	35	40	49	58	62	43	45	53	62	60	49	28	23	25	28	47	52	49	35	42	53	46	46	58	46	35	39	43.9
FARMERS 1 WNW	MAX	79	79	70	66	75	79	76	70	82	75	66	81	82	75	68	56	59	66	69	68	61	67	68	64	76	76	76	67	61	64	67	70.6
	MIN	41	44	55	34	36	44	59	59	60	47	52	54	58	61	55	35	29	29	35	45	55	53	41	46	49	47	50	53	54	50	45	47.6
FLEMINGSBURG 1 SW	MAX	70	78	72	66	75	79	75	70	82	75	67	76	80	74	67	52	57	63	66	65	60	64	67	64	75	73	75	68	61	62	66	69.2
	MIN	42	45	57	33	37	47	50	62	63	46	53	57	64	60	51	34	27	28	35	49	54	52	38	45	53	50	53	53	54	47	40	47.7
FRANKFORT LOCK 4	MAX	79	75	80	80	68	78	80	80	69	79	66	73	75	78	78	68	55	60	67	66	59	61	64	70	65	75	75	76	62	57	67	70.5
	MIN	45	46	47	37	36	40	46	45	54	45	44	50	55	56	55	37	32	30	33	38	53	50	42	42	50	52	50	49	55	40	34	44.8
LEXINGTON WSO	MAX	71	77	68	66	75	78	75	65	78	62	68	76	77	74	61	53	56	63	65	67	58	62	68	64	72	72	73	61	59	63	67	67.5
	MIN	45	52	47	36	42	52	57	62	54	46	53	56	64	60	42	34	29	32	43	50	52	48	40	49	51	55	52	56	46	40	36	47.8
MAYSVILLE SEWAGE PLANT	MAX	78	71	80	70	67	76	80	78	74	83	65	68	73	80	76	72	55	59	65	68	65	65	65	68	66	76	75	77	65	61	66	70.5
	MIN	41	40	46	31	32	40	44	50	59	47	48	54	57	63	61	37	32	34	35	38	51	52	45	44	50	50	51	52	55	49	42	46.1
MOUNT STERLING	MAX	74	79	77	70	76	78	77	70	81	79	63	79	81	80	69	55	58	67	67	66	62	65	70	69	73	74	75	72	62	65	68	71.0
	MIN	45	50	58	38	41	49	53	61	61	47	52	58	64	60	55	35	30	32	39	49	54	52	42	47	53	51	52	53	56	47	41	49.2
OWENTON	MAX	76	71	75	63	68	76	80	77	69	78	63	74	71	75	70	57	53	59	64	68	67	59	63	71	65	74	74	75	60	55	67	68.3
	MIN	42	44	55	39	41	48	55	59	62	42	43	54	62	61	56	34	34	36	41	47	51	49	45	48	49	55	56	59	53	40	43	48.5
RICHMOND	MAX	78	74	80	73	68	78	79	76	65	78	58	64	78	82	76	60	54	57	67	66	68	57	65	68	65	77	75	76	64	59	65	69.4
	MIN	47	49	53	35	39	47	55	57	60	47	48	52	57	60	59	35	30	31	40	43	48	49	43	45	47	53	53	53	54	45	40	47.5
SHELBYVILLE	MAX	78	72	79	70	67	76	78	75	68	78	62	63	74	77	73	56	63	59	65	66	59	60	65	70	64	72	74	73	61	55	65	68.3
	MIN	45	45	53	35	35	44	52	58	60	41	40	54	59	61	55	34	32	30	32	41	52	41	41	44	50	53	54	53	54	37	36	45.8
WARSAW MARKLAND DAM	MAX	77	72	80	68	66	77	80	78	72	80	64	72	72	75	71	71	65	60	64	65	59	60	64	70	67	75	75	75	63	55	66	69.6
	MIN	47	44	48	36	34	36	45	52	61	42	39	53	60	63	59	39	32	34	34	35	47	49	45	45	50	55	50	49	54	40	35	45.5
WAYNESBURG 7 NE	MAX	73	77	72	66	75	76	72	67	77	71	64	78	80	73	65	53	58	65	67	67	61	64	71	64	72	74	74	70	62	62	66	68.9
	MIN	46	49	55	34	40	48	54	59	61	45	51	58	62	61	52	35	29	32	43	51	53	48	44	49	53	52	51	52	50	45	39	48.4
WILLIAMSTOWN 3 NW	MAX	73	78	73	67	77	79	78	72	80	75	71	71	75	73	65	53	59	66	66	60	60	64	69	65	74	74	74	67	60	65	68	69.4
	MIN	43	51	54	35	43	52	54	60	63	41	48	57	63	60	48	31	30	35	41	46	52	48	45	47	52	57	52	53	46	41	41	48.0
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	71	70	80	71	66	77	82	78	75	85	55	67	81	83	68	63	54	58	65	70	61	60	65	65	65	75	74	74	68	59	58	69.1
	MIN	42	41	42	39	34	35	41	45	56	50	48	54	60	58	61	39	29	30	33	39	51	54	43	44	50	45	47	51	51	54	53	45.8
BARBOURVILLE	MAX																																
	MIN																																
BAXTER	MAX	80	76	78	74	68	76	78	75	70	80	66	84	82	80	71	72	55	62	67	70	61	63	69	72	65	76	72	74	68	58	60	71.0
	MIN	43	51	52	36	36	36	41	45	62	57	55	56	56	57	61	45	29	29	31	39	50	54	46	45	46	49	47	45	45	54	50	46.7
BLAINE	MAX	77	77	79	72	68	76	81	76	72	84	54	75	83	84	70	64	51	59	67	71	61	62	67	69	68	78	75	78	67	58	57	70.3
	MIN	42	41	41	31	31	31	31	41	51	51	49	48	57	56	60	35	26	24	29	34	51	53	42	42	51	46	46	45	45	53	53	43.1
CUMBERLAND	MAX															72	67	62	67	74	72	62	72	70	70	76	75	73	78	70	59	66	
	MIN																42	27	25	34	47	55	52	44	42	48	45	47	46	56	54	50	
DEWEY DAM	MAX	76	72	78	72	65	71	77	75	78	84	58	78	78	82	74	66	53	55	61	68	60	62	66	65	68	68	66	72	67	57	57	68.7
	MIN	45	45	49	38	37	38	43	45	55	56	52	54	59	60	58	43	30	29	32	38	52	54	47	47	50	50	48	47	45	52	54	46.8
GRAYSON 5 SE	MAX	79	73	78	73	68	77	83	77	74	85	54	68	83	85	69	63	56	59	67	67	61	61	66	66	67	75	76	76	68	58	57	70.0
	MIN	39	39	41	31	31	32	38	43	52	52	48	54	58	58	59	37	26	25	26	32	51	55	40	40	50	44	46	48	48	54	51	43.5
HEIDELBERG LOCK 14	MAX	78	79	79	71	75	77	78	78	81	79	71	82	82	83	70	61	57	67	68	68	66	66	68	68	76	76	76	75	67	64	65	72.6
	MIN	47	48	52	34	35	39	46	54	55	47	52	56	60	60	56	37	29	28	37	47	54	54	44	46	52	48	46	48	56	52	47	47.3
HINDMAN 11 NNE	MAX	76	79	80	74	66	73	78	77	78	80	79	84	83	83	70	68	55	56	66	68	68	64	67	62	66	73	72	73	73	58	58	71.2
	MIN	44	45	47	34	33	33	37	42	44	46	48	48	55	56	57	40	28	28	32	33	46	47	45	45	53	47	48	42	41	50	51	43.4
HYDEN	MAX	78	76	78	72	66	77	79	77	68	80	57	81	82	82	72	70	55	59	67	72	67	64	66	70		75	74	75	70	58	57	70.8
	MIN	43	49	49	38	37	37	41	46	53	53	50	50	52	58	60	44	31	30	32	40	51	54	45	44		47	49	46	45	53	53	46.0
JACKSON	MAX	82	79	81	75	72	81	84	76	68	84	55	82	87	87	75	67	61	63	72	73	66	62	73	73	61	81	80	78	67	58	57	72.9
	MIN	44	47	50	38	37	39	43	47	54	51	49	53	58	60	62	43	31	30	30	38	51	55	45	45	50	49	51	47	47	53	51	46.7

See Reference Notes Following Station Index

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DAILY TEMPERATURES

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	75	79	71	66	76	77	74	66	80	56	79	81	82	72	67	54	59	66	67	66	59	64	71	62	74	74	74	64	59	59	63	68.9
	MIN	49	49	48	35	36	43	50	59	56	48	52	56	59	61	48	37	30	31	40	52	54	44	41	48	53	49	48	47	52	45	43	47.2
MANCHESTER 4 SE	MAX	78	80	74	70	77	80	77	72	80	77	80	83	83	74	71	63	59	69	70	67	64	66	71	67	77	76	75	69	65	58	65	72.2
	MIN	47	49	52	36	34	39	46	55	53	48	53	56	57	57	62	41	29	30	37	50	54	53	43	46	52	49	48	44	55	52	50	47.6
MC KEE	MAX	77	75	80	70	68	77	79	76	65	78	52	75	80	62	70	62	53	56	68	66	66	59	67	67	62	73	74	73	65	58	63	68.9
	MIN	43	43	49	32	32	34	39	45	53	46	45	51	55	58	58	38	26	26	26	39	50	50	40	41	47	47	43	45	48	50	50	43.5
MIDDLESBORO	MAX	80	78	79	74	70	76	78	74	72	80	63	82	82	81	72	64	63	64	68	70	62	64	72	71	63	76	72	72	67	57	60	71.2
	MIN	44	50	50	36	35	37	40	44	55	55	51	54	55	55	61	46	29	28	31	42	50	55	45	46	47	49	50	50	51	52	49	46.5
MONTICELLO	MAX	78	81	76	69	80	78	77	73	77	73	72	80	82	77	73	56	62	69	65	69	64	62	72	68	76	76	76	68	63	63	66	71.6
	MIN	47	50	56	35	38	49	52	59	59	48	54	59	66	62	56	39	31	32	43	52	54	47	40	50	51	51	49	53	52	50	40	49.2
MOUNT VERNON	MAX	79	79	77	69	79	81	78	73	79	77	70	82	79	80	76	58	61	68	69	70	67	67	73	71	76	76	76	72	64	66	70	73.0
	MIN	44	49	59	35	37	49	53	59	60	47	52	52	69	62	56	37	28	29	40	51	52	50	40	50	53	50	48	52	53	47	38	48.4
PIKEVILLE	MAX	77	83	76	68	77	82	80	75	86	76	85	85	85	74	70	58	62	71	74	59	62	72	70	70	77	78	74	71	62	60	65	73.0
	MIN	52	52	55	39	38	42	46	54	58	58	55	60	58	60	58	45	30	33	41	45	54	56	49	48	53	50	50	47	55	55	55	50.0
SOMERSET 2 N	MAX	75	79	76	69	76	77	75	75	77	75	70	80	80	76	72	58	59	72	66	64	63	65	70	65	74	75	74	68	68	63	67	71.1
	MIN	48	42	52	33	37	41	51	48	58	43	51	53	58	58	57	39	28	31	42	48	52	49	40	45	51	45	45	50	48	46	43	46.2
STEARNS 1 W	MAX																																
	MIN																																
TOMAHAWK 1 WSW	MAX	76	71	79	73	65	75	78	75	72	76	68	79	82	82	68	65	56	57	65	69	60	62	68	65	67	75	72	73	68	57	58	69.5
	MIN	42	43	43	33	32	32	37	42	51	52	50	52	56	55	58	40	25	25	27	34	49	54	44	44	50	40	43	41	40	53	53	43.2
VANCEBURG	MAX	76	79	78	67	77	81	85	76	86	77	67	79	82	81	75	61	59	63	68	67	62	66	67	67	75	74	74	74	66	64	67	72.3
	MIN	41	40	52	32	33	39	44	55	57	47	53	55	62	59	54	32	25	26	37	40	50	53	42	46	53	45	48	50	55	52	41	45.7
WEST LIBERTY	MAX	77	75	79	70	67	78	81	75	68	82	68	70	63	84	70	62	58	60	68	70	63	62	69	70	63	78	77	77	65	58	57	70.5
	MIN	42	42	46	34	34	34	40	44	54	50	46	46	58	59	59	40	29	28	28	35	47	55	43	43	50	47	47	48	48	52	50	44.5
WILLIAMSBURG 1 E	MAX	79	80	79	74	78	79	79	76	80	77	79	80	80	77	70	63	61	70	68	65	62	70	73	70	75	76	76	70	68	65	65	73.0
	MIN	50	52	61	35	39	38	47	58	63	46	51	57	61	61	60	41	31	33	42	52	55	53	44	49	48	47	49	51	54	46	45	49.0

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.10	.16	.16	.22	.19	.18	.15	.14	*	.09	.10	.09	-	.07	.03	.09	.09	.10	.06	.13	-	.04	.05	.13	.00	.03	.06	.11	.23	.03	.09	3.128
	WIND	49	27	61	63	29	39	47	50	70	63	22	24	33	42	27	43	34	22	12	28	20	19	16	14	11	14	24	50	49	25	19	1046
WOLF CREEK DAM	EVAP	.13	.13	.15	.17	.18	.12	.03	.08	*	.06	.19	.00	.11	.06	.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	14	8	16	3	33	10	15	23	40	39	16	8	19	22	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX	84	85	83	86	86	88	90	80	73	71	69	75	75	82	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	50	54	56	45	44	45	55	58	60	52	54	55	66	65	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.28	.12	.15	*	.25	.10	.15	.05	.10	.18	.00	*	.13	-	*	.46	*	*	.26	.08	.07	.03	.07	.09	.02	.04	.10	.16	*	*	.17	3.168
	WIND	27	9	33	*	50	10	14	20	51	40	30	36	15	21	14	32	*	*	60	51	20	18	11	40	18	3	5	31	29	19	9	716
	MAX	79	78	79	72	71	74	77	72	66	67	66	-	-	79	-	78	-	-	65	61	62	59	67	68	65	73	76	75	61	58	65	69.7
	MIN	51	55	58	45	49	49	54	58	59	53	63	-	-	62	-	42	-	-	37	48	49	52	50	51	58	60	60	57	56	46	45	52.6
* * * EASTERN 04																																	
BUCKHORN	EVAP	.10	.20	.02	.11	.23	.14	.10	.07	-	.14	.00	.05	.15	*	.13	*	*	.17	.13	.08	.05	.02	-	.10	*	.07	.07	.06	.01	-	-	2.538
	WIND	34	6	33	48	13	17	12	9	7	54	12	12	18	16	7	39	26	12	14	9	13	8	6	7	0	8	4	5	6	7	8	470
	MAX	79	82	79	76	74	78	79	82	76	88	71	76	84	83	82	80	72	75	72	68	73	72	79	79	71	77	73	82	76	69	57	76.3
	MIN	54	56	58	53	48	50	52	56	58	58	55	55	64	64	64	48	42	40	43	48	53	57	53	53	54	57	57	57	57	55	55	54.0
DEWEY DAM	EVAP	*	.05	.02	.08	.03	.01	.00	.03	.03	.12	.01	-	.08	*	.18	.14	.00	.04	.02	-	-	.19	.01	.06	.00	.01	.01	.02	-	-	-	1.418
	WIND	9	5	14	21	7	4	2	2	3	24	6	3	2	3	1	24	21	9	5	5	6	1	6	6	4	2	2	5	5	1	3	211

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	69	79	70	67	67	66	66	66	66	65	66	66	68	69	69	64	61	61	61	58	59	60	60	60	61	63	63	63	61	60	59	64.3
		MIN	62	63	64	59	59	61	62	65	65	61	62	64	65	66	64	57	54	55	55	56	58	56	55	58	58	60	59	61	60	56	54	59.8
	20	5PM	74	69	74	68	67	67	67	67	66	67	67	67	66	67	67	66	65	63	63	62	62	62	62	62	62	62	62	63	62	62	61	65.2
BEREA COLLEGE	4	MAX	71	70	-	-	72	69	69	69	69	69	67	70	71	71	71	69	64	64	61	63	64	63	62	64	65	65	67	67	63	64	63	66.8
		MIN	67	68	-	-	63	66	68	68	68	67	65	65	65	69	69	62	57	56	59	61	63	62	59	59	62	62	63	63	63	63	58	63.4
CAMPBELLSVILLE 2 SSW	4	MAX	70	70	71	68	70	68	67	67	67	67	67	67	70	70	70	67	61	57	62	62	63	62	62	61	62	63	63	63	62	62	64	65.3
		MIN	66	66	66	64	62	64	65	66	66	64	65	64	67	68	67	61	57	55	57	60	61	60	60	60	60	62	60	60	60	60	61	62.4
	20	6PM	70	70	70	69	68	68	68	68	68	67	67	67	68	67	67	67	66	63	64	63	63	63	64	63	62	63	62	63	63	63	63	65.7
CUMBERLAND GAP PARK	4	MAX	69	76	70	70	66	70	65	64	67	66	68	68	69	69	67	67	64	59	59	60	60	61	62	62	62	62	62	62	60	60	61	64.7
		MIN	65	50	66	66	59	65	61	64	63	64	64	65	65	66	66	62	57	55	56	58	59	60	59	59	60	60	60	59	59	59	59	61.0
	20	5PM	70	70	70	69	67	67	62	66	67	66	66	66	67	67	67	67	65	64	63	63	63	63	63	63	63	63	63	63	63	62	62	65.2
FLEMINGSBURG 1 SW	4	MAX	70	70	68	68	67	67	67	67	68	68	66	67	69	69	75	69	62	61	59	60	60	61	61	61	68	64	69	64	62	61	62	65.5
		MIN	64	64	65	61	60	62	63	65	65	63	63	64	67	66	69	60	56	55	55	58	59	59	58	59	61	61	64	61	61	59	58	61.5
	20	6PM	67	68	67	66	66	65	65	65	65	65	65	65	65	65	65	65	63	62	62	61	61	61	61	61	61	61	61	61	61	61	61	63.5
GLASGOW WKAY	4	MAX	69	69	69	68	68	67	67	67	67	66	65	66	68	68	68	66	63	60	60	61	61	62	62	63	62	63	63	62	62	61	59	64.6
		MIN	66	67	68	66	63	64	65	66	66	64	64	65	66	68	66	62	58	58	60	60	61	61	59	61	60	61	61	62	61	59	57	62.7
	20	6PM	69	69	68	68	68	67	67	67	67	67	67	67	67	67	67	66	65	63	63	63	63	63	63	63	63	63	63	63	63	62	61	65.2
GREENVILLE 2 W	4	MAX	74	73	72	73	69	69	69	70	70	67	67	63	69	69	68	68	65	63	63	62	64	66	63	63	64	65	65	64	64	64	62	66.7
		MIN	67	69	67	63	63	64	66	58	67	61	62	61	63	67	66	62	59	58	61	61	62	60	60	62	62	62	63	63	62	58	57	62.5
	20	5PM	70	70	70	69	68	68	68	67	68	67	67	66	66	67	66	67	65	64	64	64	64	64	63	64	64	63	63	63	63	63	63	65.7
HENDERSON 7 SSW	4	MAX	71	71	71	70	68	67	67	67	67	66	65	66	67	67	67	67	65	61	62	62	62	62	63	63	62	62	63	63	63	62	61	65.2
		MIN	68	70	69	66	65	66	67	67	66	64	63	65	65	67	66	64	61	59	61	61	61	60	61	62	62	61	62	63	62	59	59	63.6
	20	6PM	70	70	70	69	68	68	68	68	67	67	66	66	67	67	67	66	66	64	64	63	63	63	63	63	63	63	63	63	63	62	61	65.5
IRVINGTON	4	MAX	68	68	68	66	63	65	66	66	65	66	63	64	67	67	68	66	62	63	60	58	60	61	62	62	61	64	71	64	62	62	60	64.1
		MIN	62	64	63	58	58	61	64	65	65	60	60	61	64	66	66	59	55	59	56	58	58	57	57	60	59	60	64	62	59	55	55	60.3
	20	4PM	66	66	66	66	63	63	63	64	64	64	63	63	63	63	63	63	62	60	60	60	60	60	60	59	59	60	60	60	60	59	58	61.9
MAYFIELD RADIO WNGO	4	MAX	72	73	71	72	74	70	69	70	70	-	70	67	70	70	69	69	-	68	64	68	69	68	69	69	69	68	68	66	66	67	66	69.0
		MIN	68	67	70	69	65	67	67	67	67	-	66	63	67	66	66	59	-	64	60	63	64	62	63	63	64	63	64	63	61	61	60	64.4
	20	5PM	72	72	71	70	70	70	69	70	70	64	67	63	-	65	69	67	-	65	67	65	62	64	63	63	64	66	64	64	63	63	62	66.3
PRINCETON 1 SE	4	MAX	70	72	71	70	67	66	67	67	67	67	64	65	67	67	67	65	62	60	60	60	62	62	62	62	63	64	64	64	64	62	60	64.8
		MIN	67	70	69	64	63	64	66	67	66	62	62	64	65	67	65	61	58	58	60	60	60	60	60	62	62	62	63	63	62	58	58	62.8
	20	5PM	70	70	70	69	68	68	68	68	68	67	66	66	64	66	66	66	64	64	63	63	63	63	63	63	63	63	63	63	63	63	62	65.4
QUICKSAND	4	MAX	69	69	68	67	65	65	65	64	66	66	66	69	70	70	68	67	63	61	59	58	60	62	62	62	63	63	63	63	62	61	61	64.4
		MIN	64	65	65	62	60	60	61	63	63	63	61	65	66	66	67	61	57	55	55	56	58	60	59	59	60	60	60	60	61	59	59	61.0
	20	4PM	70	70	70	68	67	66	66	66	66	66	66	66	67	67	67	67	65	63	62	62	62	62	62	62	62	63	63	63	63	62	62	64.9
SANDY HOOK 4 NW	4	MAX	69	68	78	62	63	65	65	65	67	68	65	68	70	70	66	65	60	58	59	58	59	62	62	62	63	63	63	64	60	60	61	64.1
		MIN	60	60	62	57	56	57	59	62	61	61	60	62	65	-	65	58	55	51	53	56	58	59	56	59	59	58	60	59	60	60	59	58.9
	20	6PM	64	64	64	62	62	61	62	61	62	62	62	62	62	63	63	62	60	59	58	58	58	58	58	-	58	59	59	59	59	59	59	60.6
SOMERSET 2 N	1	MAX	73	72	72	71	68	68	68	69	67	67	66	69	70	70	70	67	61	63	62	63	62	64	64	64	65	66	65	65	62	62	61	66.3
		MIN	65	66	67	66	61	62	64	66	64	64	64	65	67	67	67	60	52	56	59	60	61	61	59	60	61	61	61	61	61	60	58	62.1

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SOMERSET 2 N																																		
	4	MAX	71	71	70	71	68	67	67	68	66	68	66	68	69	69	69	67	61	62	61	61	62	62	62	63	63	66	64	64	62	62	62	65.5
		MIN	67	66	67	68	62	62	64	66	65	65	65	65	67	67	67	61	58	57	57	60	61	61	59	61	61	62	61	62	62	60	58	62.7
	20	6PM	72	72	72	71	70	69	70	69	68	69	69	69	69	69	69	69	68	66	66	66	66	66	66	65	65	66	66	66	66	65	65	67.9
WILLIAMSTOWN 3 NW																																		
	4	MAX	68	66	67	66	64	65	65	65	65	65	65	65	66	66	66	65	62	60	58	58	59	60	60	60	61	62	63	63	62	62	61	63.3
		MIN	65	65	66	61	61	63	65	65	64	63	63	63	65	66	65	61	57	56	56	58	58	59	59	60	59	60	62	62	61	59	58	61.5
	20	6PM	68	67	67	66	65	65	65	65	65	65	65	65	65	65	65	65	63	62	61	60	60	60	60	60	60	60	60	62	61	60	60	63.1

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				C	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		M	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C M	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	85 46	430		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK M. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNULO WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	71		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	86		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	66		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	35	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	50	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GODSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	42		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	43	6P	6P		GM	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	51				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HARULD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GM	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	78		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		M	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	47	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	37	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	43	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	80	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	85	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	67		7A			DONALD R. MARSHALL
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	100	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	77		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		M	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	435		7A			H. W. CUNDIFF
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	CLOSED 8/11/70
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES M. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNULO D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HARULD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATIONS												
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	CLOSED 8/11/70

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
H	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
NOVEMBER 1970
Volume 65 No. 11

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AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	57.2	35.6	46.4		75	30	11	24	551	0	1	11	0	1.89		.67	9	.0	0		4	1	0
BEAVER DAM	56.4	36.6	46.5		72	30+	12	24	546	0	1	9	0	1.25		.49	14	.0	0		4	0	0
FORDS FERRY DAM 50	56.0	37.6	46.8		73	30	12	24	538	0	2	9	0	1.88	- 1.62	.71	20	T	0		7	1	0
GILBERTSVILLE KY DAM	58.3	39.5	48.9		73	29	13	24	478	0	1	4	0	2.04		1.01	20	T	0		4	1	1
GOLDEN POND 8 N	57.2	37.9	47.6		72	30	12	24	514	0	1	8	0			.64	20	.0	0				0
GREENVILLE 2 W	55.8M	35.9M	45.9M	- 1.0	73	30	10	24	566	0	1	9	0	3.30	- .46	1.82	20	.0	0		6	1	1
HENDERSON 7 SSW	54.5	37.8	46.2	- .4	72	30	14	24	557	0	1	6	0	2.54	- .95	1.08	20	T	0		5	1	1
HICKMAN 1 E	58.2	37.6	47.9		73	30+	14	24	505	0	1	9	0	2.35		.68	9	T	0		6	2	0
HOPKINSVILLE	56.2	34.7	45.5	- 1.4	73	30	11	25+	581	0	2	11	0	3.03	- .87	1.58	20	.0	0		6	1	1
LOVELACEVILLE	57.2	35.6	46.4	- .9	75	30	11	24	550	0	1	9	0	2.00	- 2.00	.60	9	T	0		5	1	0
MADISONVILLE 1 SE	56.0	35.7	45.9		73	30	10	24	565	0	1	7	0	2.27		.90	20	.0	0		5	1	0
MAYFIELD RADIO WNGO	56.8M	34.8M	45.8M		75	29	11	24	575	0	1	9	0	2.20				.0	0				
MURRAY	56.2	37.5	46.9	- .9	74	30	12	24	538	0	1	8	0	2.34	- 1.66	.80	20	.0	0		4	2	0
OWENSBORO 2 W	56.6	37.2	46.9	.9	73	30	12	24	534	0	1	7	0	2.55	- .96	1.13	20	T	0		6	1	1
PADUCAH FAA AIRPORT	55.4	35.9	45.7		72	30+	11	24	573	0	2	10	0	2.17		.64	9	.0	0		4	3	0
PADUCAH SEWAGE PLANT	55.2	35.3	45.3		72	30+	11	25	586	0	2	12	0	1.95	- 2.01	.57	20	T	T	4	6	1	0
PRINCETON 1 SE	56.2	37.4	46.8	- .2	72	30	10	24	539	0	1	9	0	2.16	- 1.56	.92	20	.0	0		5	1	0
ROCHESTER LOCK 3	54.3	34.6	44.5		77	30	15	25+	611	0	2	9	0	2.56		1.27	20	.0	0		5	1	1
RUSSELLVILLE	55.1	35.0	45.1	- .7	70	30	11	24	588	0	0	9	0	3.01	- .87	.85	20				7	3	0
DIVISION			46.4	- .6										2.31	- 1.48			T					
* * * CENTRAL 02																							
ANCHORAGE	55.0	36.8	45.9	1.5	70	29	11	25	565	0	1	8	0	1.71	- 1.62	.70	15		T	23+	5	1	0
BARDSTOWN	56.2	36.8	46.5		71	29	11	24	545	0	1	9	0	2.96		1.60	20	.0	0		7	1	1
BARREN RIVER RESERVOIR	55.4	35.7	45.6		73	9	11	25+	576	0	2	10	0	2.22		.65	15	.0	0		6	2	0
BERNHEIM FOREST	56.3	36.2	46.3		71	29	9	25	557	0	1	9	0	2.30		.88	20		0		8	1	0
BOWLING GREEN FAA AP	55.4	37.0	46.2	- .8	73	30	11	24	555	0	2	8	0	2.34	- 1.27	.71	14	T	T	15	5	2	0
BRADFORDSVILLE	57.0	35.9	46.5		72	9+	9	25+	550	0	1	9	0	2.85		.73	20+	T	0		6	2	0
CAMPBELLSVILLE 2 SSW																							
CECILIA	54.7	36.1	45.4	.5	71	29	11	24	580	0	1	8	0					T	0				
GLASGOW WKAY	54.6	37.2	45.9		71	8	9	24	565	0	1	8	0	2.28		.80	14	.0	0		4	2	0
GREENSBURG	56.0	35.4	45.7	- .1	73	9	11	24	571	0	2	10	0	2.35	- 1.21	.68	15				6	2	0
HODGENVILLE-LINCOLN NP	56.4	37.3	46.9		71	29	11	24	535	0	1	7	0	3.34		1.90	20	T	0		7	1	1
IRVINGTON	55.9	35.4	45.7	- .4	72	30+	10	24	572	0	1	9	0	1.77	- 1.65	.80	20	T	0		6	1	0
LEITCHFIELD 2 N	55.5	36.6	46.1	- .6	72	29	10	24	560	0	1	8	0	2.83	- 1.06	1.30	20				6	2	1
LOUISVILLE	56.5	40.0	48.3		71	30+	14	24	493	0	1	6	0	1.76		.65	20	T	0		5	1	0
LOUISVILLE WSO R	53.5	37.1	45.3	.6	70	29	15	25+	582	0	2	8	0	1.75	- 1.45	.66	14	.3	0		5	1	0
MAMMOTH CAVE PARK	55.7	36.9	46.3		71	8	6	24	554	0	1	9	0	2.45		1.01	20	T	0		5	1	1
NOLIN RIVER RESERVOIR	55.0	34.7	44.9		72	9	11	24	596	0	2	11	0	2.81		1.45	20		0		5	1	1
ROUGH RIVER DAM	54.0	33.9	44.0		72	30+	10	25+	623	0	2	11	0	2.20		1.00	20	T	0		4	2	1
SCOTTSVILLE 3 SSW	55.2	36.9M	46.1M		72	30	9	24	571	0	1	6	0	2.77		.99	20	T	0		5	2	0
SUMMER SHADE	55.6	36.7	46.2		72	8	9	24	559	0	1	7	0	2.67		1.01	14	T	0		6	3	1
WOLF CREEK DAM	56.5	35.8	46.2		72	30	12	25+	556	0	2	12	0	3.54		.97	15	.0	0		5	3	0
DIVISION			46.0	- .1										2.47	- 1.11			T					
* * * BLUE GRASS 03																							
BEREA COLLEGE	56.8	38.3	47.6	1.0	71	30+	10	24	514	0	1	7	0	1.74	- 1.55	.81	20	.0	0		3	1	0
CARROLLTON LOCK 1	55.8	36.7	46.3		70	29	8	25	556	0	1	9	0	2.34	- .73	.83	20		0		4	3	0
COVINGTON WSO R	53.5	36.5	45.0	2.3	69	29	13	24	591	0	2	8	0	2.29	- .72	.88	20	.4	T	25+	5	1	0
CYNTHIANA 2	53.8	32.3	43.1		73	10	10	25+	654	0	2	15	0	2.32		.91	20	T	0		5	2	0
DANVILLE	53.7	34.6	44.2		69	30+	11	25+	617	0	2	12	0	3.10	- .22	.71	15	1.2	1	4	6	4	0
DIX DAM	55.6M	37.6M	46.6M		70	29+	9	24	553	0	1	6	0	2.90		1.10	20		0		6	2	1
FALMOUTH 5 WNW	54.3	32.0	43.2		68	29	7	25	649	0	1	14	0	2.71	- .72	.82	15	T	T	25+	5	2	0
FARMERS 1 WNW	56.1	35.9	46.0	.9	72	9	10	25	562	0	1	9	0	2.59	- .62	.97	15				6	3	0
FLEMINGSBURG 1 SW	54.0	36.0	45.0		72	9	9	25	593	0	1	11	0	2.26		.78	20	T	0		4	1	0
FRANKFORT LOCK 4	55.5	34.0	44.8	- .7	71	30	12	25+	598	0	2	13	0	2.16	- 1.22	.62	15	.0	0		6	2	0
LEXINGTON WSO R	52.3	34.8	43.6	- 1.1	68	9	10	24	637	0	2	11	0	2.35	- .94	.88	20	T	T	15	5	3	0
MAYSVILLE SEWAGE PLANT	54.2	33.4	43.8	- .9	72	10	10	24	628	0	2	15	0	2.98	- .16	.77	15	T	0		5	4	0
MOUNT STERLING	55.4	36.1	45.8		72	9	10	25+	572	0	1	10	0	2.97	- .13	1.00	20	.3	T	23+	6	2	1
OWENTON	52.7	36.1	44.4		68	30+	12	24	612	0	2	10	0	2.75		.95	20	T	0		9	1	0
RICHMOND	54.0	34.9	44.5		71	10	8	24	609	0	2	14	0	3.17		.93	20	1.5	1	15	6	3	0
SHELBYVILLE	52.5	34.6	43.6	- 1.6	70	30	12	25+	633	0	2	12	0	2.46	- 1.18	.97	20	T	T	15	6	2	0
WARSAW MARKLAND DAM	54.0	33.0	43.5	- 1.5	71	30	12	25	640	0	2	11	0	2.29	- .74	.87	20	.0	0		5	2	0
WAYNESBURG 7 NE	54.5	36.7	45.6		70	9	8	24	575	0	1	10	0	2.92		.93	20	1.0	0		5	2	0
WILLIAMSTOWN 3 NW	53.6	35.6	44.6	- .2	68	29	9	24	605	0	1	11	0	2.60	- .68	.78	20	.6	T	15	6	3	0
DIVISION			44.8	- .7										2.57	- .70			.3					
* * * EASTERN 04																							
ASHLAND	55.5	35.1	45.3	- 1.3	74	10	11	25+	582	0	2	11	0	2.33	- .37	.66	15	T	0		4	2	0
BARBOURVILLE	56.6	33.2	44.9		75	9	10	25+	597	0	2	14	0	2.22		.56	3	T	0		7	2	0
BAXTER	55.2	33.2	44.2		70	10+	8	25	616	0	2	14	0	2.27		.68	20	1.3	T	24+	6	1	0
BLAINE	56.0	32.8	44.4		74	10	6	25	610	0	2	13	0	1.81		.66	20	T	0		4	2	0
CUMBERLAND	57.7	35.3	46.5		71	30	5	25	550	0	1	11	0	3.05		.66	10	T	0		8	2	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 145

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	55.2	35.8	45.5		73	9	10	25	575	0	2	10	0	2.36		.60	20	T	T	24	6	2	0
GRAYSON 5 SE	55.8	32.8	44.3		74	10	8	25	615	0	2	14	0	2.23		.76	15	T	T	16	4	3	0
HEIDELBERG LOCK 14	58.8	34.3	46.6		75	9	10	24	544	0	1	13	0	2.34	- .97	.77	15	T	T	4	5	3	0
HINDMAN 11 NNE	55.9	34.3	45.1		72	10	8	25	590	0	2	11	0	2.58		.77	20	T	T	25+	6	2	0
HYDEN	56.7M	34.5M	45.6M		71	10	9	25	573	0	2	12	0	2.68		.51	20	T	T	24	7	1	0
JACKSON	57.7	35.2	46.5		76	10+	11	25	550	0	1	10	0	2.12		.72	20	T	0		6	1	0
LONDON FAA AP	54.5	34.2	44.4		70	8	9	24	610	0	1	11	0	1.76		.55	20	T	0		4	1	0
MANCHESTER 4 SE	57.9	35.0	46.5		74	9	9	25	548	0	1	12	0	2.90		.77	3	.0	0		6	3	0
MC KEE	54.0	30.9	42.5		70	10+	6	25	671	0	2	17	0	2.83		.92	15	.5	1	4	4	3	0
MIDDLESBORO	56.1	33.2	44.7		72	1	9	25	605	0	2	14	0	2.01		.64	20	T	0		5	1	0
MONTICELLO	56.8	36.7	46.8		74	8	10	24	539	0	1	9	0	3.03		1.16	15	.0	0		3	2	2
MOUNT VERNON	56.4	36.4	46.4		70	30+	10	25+	551	0	1	9	0	3.06		.90	20	2.0	0		5	3	0
PIKEVILLE	60.2	38.1	49.2		77	9	13	24	470	0	1	9	0	1.68	- .95	.56	2	T	0		4	1	0
SOMERSET 2 N	56.5	34.4	45.5		71	8	9	25	579	0	1	12	0	2.88		1.17	14	T	0		4	2	1
STEARNS 1 W																							
TOMAHAWK 1 WSW	56.2	33.6	44.9		73	10	7	25	594	0	1	12	0	3.10		.70	20	T	0		7	3	0
VANCEBURG	57.2	33.9	45.6		75	9	9	25	574	0	1	13	0	3.04	- .04	1.26	15	T	0		7	1	1
WEST LIBERTY	55.7	33.6	44.7		75	10	8	25	604	0	2	12	0	1.92		.58	15	T	0		4	2	0
WILLIAMSBURG 1 E	59.7M	37.5M	48.6M	1.8	72	8			471	0	2	11	0	2.04	- 1.39	.63	20	.0	0		7	1	0
DIVISION			45.6	- .6										2.45	- .76			.2					

EXTREMES

HIGHEST TEMPERATURE 2 STATIONS	77	DATE	30+
LOWEST TEMPERATURE CUMBERLAND	5	DATE	25
GREATEST TOTAL PRECIPITATION SPRINGFIELD	3.67		
LEAST TOTAL PRECIPITATION BEAVER DAM	1.25		
GREATEST 1 DAY PRECIPITATION HODGENVILLE-LINCOLN NP	1.90	DATE	20
GREATEST TOTAL SNOWFALL MOUNT VERNON	2.0		
GREATEST DEPTH OF SNOW 4 STATIONS	1	DATE	24+

KENTUCKY - NOVEMBER 1970

SPECIAL WEATHER SUMMARY

It was a cloudy month over much of the Commonwealth, cloudy days totaling from 25 to 50 percent greater than long-period averages. At Louisville, the total sunshine was the least for a November since 1944 and the third least of November record. Temperatures and precipitation averaged below normal over much of the State. Winter-like temperatures occurred for several periods of several days each at the beginning of the month, mid-month, and toward the end of the month. Coldest readings of the season to date came on the 23d-25th, while unseasonably warm and near-record temperatures during the last several days brought the month to a close. Precipitation totals ranged from light to heavy in each of the first 3 weeks, but the last week of the month was the driest week in about 2 months.

Thunderstorms were widespread on the night of the 19th, persisting for several hours in some areas. News reports indicated: about 19 injuries, mostly minor, attributed to winds; widespread wind damaged property at locations from the western border counties to at least as far east as the counties of Owen and Laurel. Apparently the highest and most damaging winds came with the passage of a squall line which moved eastward during the night. Wind gusts in the 60 to 70 m.p.h. range were reported to have hit such widely scattered locations as Henderson, Madisonville, Fort Knox, Hopkinsville, and Bowling Green. Hail was reported at such scattered points as LaGrange, Murray, Princeton, and in Simpson County. Lightning activity was reported to have been heavy and continuous in some areas (in Daviess County, "bright enough to read by") and damaging at some points (a house and a lumberyard burned in south-central Kentucky).

Apparently the developing squall line was oriented at about 9:30 p.m., c.s.t., along a north-south line stretching approximately from Henderson to Madisonville into southeastern Trigg County; and moved rapidly eastward to be located about 10:45 p.m., c.s.t., along a north-south line stretching from central Hancock County into western Logan County (indications were that the squall line slowed down thereafter, but moved eastward across much of the State during the night of the 19th). News reports stated that: a number of the persons injured due to high winds were in mobile homes destroyed or heavily damaged by the winds; preliminary estimates indicated about 10 mobile homes and 12 houses destroyed, and another 30 to 40 houses, or more, damaged; about two dozen barns were downed and a number damaged; there was a variety of other wind damage. Most of the injuries and/or the heaviest damage were in portions of Muhlenberg, Ohio, and Daviess Counties; were apparently due to high winds in thunderstorm activity as the thunderstorms moved rapidly from the southwest quadrant to the northeast quadrant; these thunderstorms were apparently associated with a squall line moving rapidly eastward. There were indications of a tornado touching down briefly at least once in this area.

Snow came early to scattered locations in the southern Blue Grass and southeast on the 4th. The National Weather Service Cooperative Observer at Cumberland Gap Park reported 5 inches of snow at Hensley Settlement (elevation of 3,262 feet on Cumberland Mountain) in Bell County near the Virginia border. Some of the lesser amounts reported were: 1.0 inch, at Danville, Richmond, Waynesburg, and Pine Mountain; 1.5 inches, at Mt. Vernon. Snow flurries were common on the 14th and 15th. Most points reported only traces, but at least one point in southeast Kentucky reported almost an inch of snow. On the 23d and 24th, traces of snow were reported over much of the State; there were unofficial reports of "heavy snow" at several locations, but several official stations which reported snowfall measured an inch or less.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issue of STORM DATA.

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
WESTERN 01																																
BARDWELL 4 E	1.89		.49	.02	.05	.02				.67	.01				.36	.01				.09	.15							.02	T			.
BEAVER DAM	1.25		.18		.15					.09	.07				.49	.04					.20		.03									.
CALHOUN LOCK 2	2.57		.28	.12	.05	.02					.32	T			.09	.36					1.18		.05	.10	T						T	.
COBB	1.83		.28	T							.35				.16	.26					.78	T										.
DAWSON SPRINGS	1.96		.31	.03	.04						.41				.23	.21					.73	T										.
DUNDEE	3.09		.27							.22	.70					.63					1.15		.12									.
DUNMOR	2.81		.19	T	.16	T					.37				.04	.51					1.45			.07						.02		.
ELKTON 2 S	1.95		.15	.04	.06	.06					.40				.21	.32					.65			.06								.
FORDS FERRY DAM 50	1.88		.13	.12	.18	.03				T	.30				.20	.21			T		.71		T	T				T	T	T		.
FRANKLIN 1 E	2.17		.22	.12	T	.04					.32				.21	.48					.61			.17								.
GILBERTSVILLE KY DAM	2.04		.28	.04	T					.30				T	.41	T					1.01											.
GOLDEN POND 8 N	-		.33		.15	.04				.06	.30	-			-	.24				T	.64		T									.
GREENVILLE 2 W	3.30		.25	.12	.06					.19	.28				.46	.04					1.82		.08									.
HARTFORD 6 NW	2.34		.36	.02	.01	.04					.42	T			.07	.50					.91		T	.01	T						T	.
HENDERSON 7 SSW	2.54		.34	.02	T					.48	.01				.39	.02					1.08		.20	T								.
HICKMAN 1 E	2.35		.65	T	T	.02				.68	T				.36	.04				.08	.32							T	.10	.10		.
HOPKINSVILLE	3.03		.14	.05	.20	.05					.44		T		.19	.27				.02	1.58			.07						.02		.
LOVELACEVILLE	2.00		.47	.10	T					.60					.37						.38		.08									.
MADISONVILLE 1 SE	2.27		.31	.07		.04					.44	T			.20	.27					.90		.04									.
MAYFIELD RADIO WNGO	2.20		.26	T						.61					*	*	*	*	*	*	1.33											.
MURRAY	2.34		.36	.02	.03	.03				.36					.61					.09	.80		.01						.03			.
OWENSBORO 2 W	2.55		.30		.05	.04					.40				.33	.18					1.13		.12	T								.
OWENSBORO DAM 46	2.49		.20	.10	.04	.02					.38	T			.12	.30					1.24		T	.09								.
PADUCAH FAA AIRPORT	2.17	.03	.38	.02	.02					.64				.01	.57					.50			T					T				.
PADUCAH SEWAGE PLANT	1.95		.36	.04	.07	T				.42	.16				.23	.10					.57			T					T			.
PARADISE STEAM PLANT R	2.33		.18	.06	.05	T					.37	T			.05	.58	T				.97			.07						T		.
PRINCETON 1 SE	2.16		.26	T	.03	.02				.25	.10	.02			.49	.02					.92		.05					T				.
ROCHESTER LOCK 3	2.56		.15	.05	.02	.01					.42	.02			.09	.41				.02	1.27			.10								.
RUSSELLVILLE	3.01		.35		.21	.02					.60	T			.25	.63	T				.85		T	.10	T							.
SEBREE	2.70		.34	T	.03	T					.42				T	.45					1.34		.10		.02				T			.
UNIONTOWN DAM 49 //	2.37		.21	.18	.07					T	.33		T		.15	.23					1.12		T	.08								.
* * *																																
CENTRAL 02																																
ADDISON DAM 45 //	2.25		.15	.10	T	.03					.38				.12	.32					.95			.20							T	.
ALBANY 4 N	3.16		.87	.09							.08				.19	.99					.94											.
ANCHORAGE	1.71		.37	.08	.18					.15	.14				T	.70					T		.09	T			T		T			.
BARDSTOWN	2.96		.45		.10					.07	.15				.30	.15					1.60		.14									.
BARREN RIVER RESERVOIR	2.22		.21	.27	T	.04					.23	T			.17	.65					.61			.04						T		.
BERNHEIM FOREST	2.30		.33		.10	T				.12	.15				.37	.21					.88		.12	T					.02			.
BOWLING GREEN	2.37		.30	.04		.06					.35				*	.64					.85			.09						.04		.
BOWLING GREEN FAA AP	2.34		.37	T	.04	T				.40	T				.71	T				.25	.52		.05	T				T	T			.
BRADFORDSVILLE	2.85		.73		.36						.20				.40	.43					.73			T								.
BROWNSVILLE	2.65		.22	.07	T	.05					.32				.10	.44	T				1.30		T	.15						T		.
BURKESVILLE 2 W	2.47		.24	.26							.19				T	1.12					.66											.
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
CANEYVILLE	2.69		.33								.41				.11	.37					1.47											.
CECILIA	-		.28	.01	.17					.34	.09				.40	T					-		.24	T	T							.
EDMONTON	2.27		.28	.22							.17				.25	.68					.67											.
GAMALIEL 1 S	2.94		.74	.11	.02	T					.27				.32	.80	T				.68			T	T				T			.
GLASGOW	1.94		.02	.38	.04						.20				.15	.57					.53			.05								.
GLASGOW WKAY	2.28		.40			.01				.04	.20				.80	.05					.71		.07									.
GLENDALE 1 E	2.64		T	.20	T	.11					.23				T	.45					1.50			.15								.
GREENSBURG	2.35		.27	.18	.07	.02					.18			T	.20	.68					.66			.09						T		.
GREENSBURG HIWAY 61	2.65		.35	.10	.21	T					.21				.29	.69	.03				.53			.24	T					T	T	.
HODGENVILLE-LINCOLN NP	3.34		.35		.13					.07	.25				.31	.22					1.90		.11									.
IRVINGTON	1.77		.21	T	.17					.14	.12				.33	T					.80											.
LEITCHFIELD 2 N	2.83		.20	.10	.06						.34	T			.02	.57					1.30	.04	T	.20	T							.
LIBERTY	2.76			.98	.22	.14					.06			.03	.11	.63	.01				.51			.06							.01	.
LOUISVILLE	1.76		.24	T		T				.07	.18				.45	.17					.65		T	T			T					.
LOUISVILLE WSO R	1.75		.20	T	T					.21	.01				.66	T				.29	.29		.06	.02	T		T	T		.01		.
LOUISVILLE UPPER GAGE	1.86		T	.20	.02		T				.25				T	.60	T				.74	T		.05	T						T	.
MAMMOTH CAVE PARK	2.45		.31	T	T	.04				.09	.27				.41	.24					1.01		.08	T						T		.
MILLERSTOWN	2.98		.15	.06	.02	.06					.27	T	T		.08	.49	T				1.73	.01	.03	.08								.
MUNFORDVILLE	2.83		.35	.12	.02	.02					.27				.12	.56	T				1.26			.11	T					T		.
NOLIN RIVER RESERVOIR	2.81		.20	.06		.04					.37				.11	.46					1.45		.08	.04								.
ROUGH RIVER DAM	2.20		.15	.05	T						.30				.05	.55	T				1.00		.02	.08	T							.
SCOTTSVILLE 3 SSW	2.77		.48		.05					.21	.18				.75	.04					.99		.07									.
SCOTTSVILLE 2 SW	2.35		.35	.08		.02					.25				.15	.70					.80		T							T		.
SHEPHERDSVILLE	3.48		.62	.24							.96				.10	.59					.97											.
SUMMER SHADE	2.67		.50	T	.02					.10	.10				1.01						.78		.11	T						.05		.
WOLF CREEK DAM	3.54		.88	.45		.01					.09				.26	.97					.88									T		.
WOODBURY LOCK 4	2.76		.22	.05	.05	.05					.37				.10	.55					1.23		.05	.09								.
* * *																																
BLUE GRASS 03																																
BEREA COLLEGE	1.74		.39		.44											.05	.05				.81											.
BEREA	2.91			.40	.25	.18					.02	.01				1.16					.89	T										.
CARROLLTON LOCK 1	2.34		T	.52	.05	.02					.22				.07	.55	T				.83			.03	T					T	.05	.
COVINGTON WSO R	2.29		.49		T	T				.20	.03			T	.48	.03				.04	.88		.01	T	T	T		T		.13		.
CYNTHIANA	2.72		.43	.38	.29	T					.04				T	.57	T				.89	.06		.06	T	T					T	.
CYNTHIANA 2	2.32		.33	.37	.15						T				.01	.50					.91	.02			T						.03	.
DANVILLE	3.10		.17	.56	.54	.33					T	T			.05	.71					.67	.02		.05								.
DIX DAM	2.90		.37	.20	.33	.04					T					.71					1.10			.15							T	.
FALMOUTH 5 WNW	2.71		.12	.49	T	T					.05	.02			.09	.82	T				.76	.09		.05	T	T		T			.22	.
FARMERS 1 WNW	2.59			.53	.05	.10					.02	T		T	T	.97	.15				.62	.03		.12								.
FLEMINGSBURG	2.43			.42		.07									.04	.92	.03				.77	.05		.06	T	T					.07	.
FLEMINGSBURG 1 SW	2.26		.44		.04								T		.49	.37					.78		.07	T	T					T	.07	.
FORD LOCK 10	3.17			.46	.52	.18						.04			T	.88	.12				.81	T		.16	T	T	T					.
FRANKFORT LOCK 4	2.16		.17	.35	.04	T					.19	T		T		.62	T				.58	.10		.08							.03	.
GEORGETOWN WATER WORKS	1.93		.30	.10												.50					1.03											.
GEST LOCK 3	2.30		.13	.25	.04	.02	T				.18				.06	.62	T				.84	T		.16							T	.
HIGH BRIDGE LOCK 7	3.12		.09	.45	.40	.03					.02				.04	.67					1.17	.10		.15	T							.
KEENE 1 SSW	3.44		.11	.36							T					1.04					1.47			.46								.
LA GRANGE 1 ESE	2.39		.44	T	.08					.09	.19	T			.60	.14	T	.01			.80	.01	.03	T	T	T	T	T				.
LANCASTER	2.96			.79	.27	.24									*	.92					.66			.08								.
LEXINGTON WSO R	2.35		.52	.05	.13	.01				.01	.01		T		.56	.01				.02	.88		.15	T	T		T			T	T	.
LITTLE HICKMAN LOCK 8	2.79		.03	.65	.18	.06									.07	.78					.78			.24								.
LOCKPORT LOCK 2	2.98		.36	.24	.11	.02					.31				.10	.62					1.00	.22		T								.
MAYSVILLE SEWAGE PLANT	2.98		.56	.25		.08					T			T	.05	.77	T				.66			.08		T			T		.53	.
MIDWAY	2.44		T	.62	.05						.07					.55					1.02			.13							T	.
MOUNT STERLING	2.97		.53		.24					.02	T		T		.48	.48				.14	1.00		.08	T	T					T		.
OWENTON	2.75		.30	.20	.22	T					.19	T			.19	.42	.02				.95	T			T	T				.15	.11	.
RICHMOND	3.17		.02	.50	.27	.05					.06	T			.16	.92	T				.93	.17		.07	T						.02	.
SALVISA LOCK 6	3.33		T	.61	.21	.02					.15		T		.06	.69	T				.93	.27	.12	.27	T							.
SHELBYVILLE	2.46		.06	.29	.20						.28	T			.03	.52					.97	T	T	.11								.
SPRINGFIELD	3.67		.65	.13	.55						T				.20	.69					1.14	.31										.
TAYLORSVILLE	2.41		.03	.35	.13	.20					.22				T	.51	T				.93	.04		T								.
TYRONE LOCK 5	2.55		.06	.49	.17	.02					.14	T			T	.70					.91	.03		.03	T							.
VALLEY VIEW LOCK 9	2.74			.49	.33	.01	T				T	T			.03	.91	T				.78			.15	.04							.
WARSAW MARKLAND DAM	2.29		.02	.31	.06	.03					.23				.02	.52					.87	.09		.02							.12	.

See reference notes following Station **Index.**

DAILY PRECIPITATION

Continued

KENTUCKY
NOVEMBER 1970

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.92		T	.37	.42	.23					T	.05			T	.92					.93	T										
WILLIAMSTOWN 3 NW	2.60		.52	T	.02	.01				.01	.16	T	T		.57	.21	.01				.78		.07	T			T	T		.01	.23	
* * *																																
EASTERN 04																																
ASHLAND	2.33	.03		.61		.27					.06	T		.07	.01	.66	.04				.49			.08							.01	
BARBOURVILLE	2.22			.56	.25	.25					.09			.11		.28	.02			.10	.54			T						.02		
BAXTER	2.27			.28	.13	.29					.36			.09	T	.37	T			.05	.68			.02	T				T		T	
BLAINE	1.81			.62	.04	.18					.19						.05			.07	.66											
BUCKHORN	2.48			.55	.20	.14					.16			T	T	.47	T			.07	.77	.05		.07	T	T				T	T	
BURDINE 2 NE	2.05		.05	.55	T	.25					.45			.25			.10				.35				.05							
CLAY CITY 1 WNW	3.03			.45	.70	.07									.06	1.07	.05				.55	.03		.05		T						
COLLEGE HILL LOCK 11	2.66			.25	.26	.24						T			T	1.04	T				.81	.06		T	T							
CUMBERLAND	3.05	.03	.41	.19	.40	.08	T				.66		.12		.20	.25	.01	T	T		.62		.01	T		.03				.04		
CUMBERLAND FALLS ST PK	1.71		.22		.38					.02				T	.31				.24		.50			T				T	T	.04		
DEWEY DAM	2.36			.46	T	.23					.32	T		T		.55	.05		.03		.60	.12		T	T				T			
ELKHORN CITY	1.98	.06		.84		.19					.25	.02	.02	.01		.14	.02	T			.06	.37		T								
FISHTRAP RESERVOIR	2.15			.72		.25					.24	.22				.20	.02			T	.10	.38		.02	T	T						
FREEBURN 2 SW	2.38		.03	.80	.02	.40					.08	.40		T		.15	.05				.10	.32		.02	T	.01						
FRENCHBURG	2.72			.52							.28				.15	.80	.10				.70	.17								T		
GRAYSON 5 SE	2.23	.02		.52	.05	.14					.04	.02		.02	T	.76	.07				.56			T							.03	
GRAYSON RESERVOIR	2.13			.55	.04	.07					.05				.01	.69	.06				.47	.02									.17	
HAZARD WATER WORKS	2.50			.41	.17	.38					.21					.49	.04			.05	.54	.13		.08								
HEIDELBERG LOCK 14	2.34			.60	.21	.10					T	T				.77	T			T	.66	T		T								
HINDMAN 11 NNE	2.58			.30	.26	.30					.35					.50	.05				.77			.05	T	T						
HYDEN	2.68			.48	.39	.16					.29			.26		.42	T			.07	.51	.02		.08	T					T		
JACKSON	2.12			.49	.16	.19					.13					.40	T			.03	.72								T			
JEREMIAH	2.01		.32	.08	.29	.08					.28		.05		.13	.23	T	T	T		.55			T	T							
LLOYD GREENUP DAM	2.15		T	.40		.15					.03	T		T	T	.68	.06				.46	.13		.06							.18	
LONDON FAA AP	1.76		.40	T	.38	T				.03	.01				.37	.01			T	T	.55		.01	T	T					T		
LOUISA 2	2.18			.63	.03	.26					.24			.01		.43	.02				.54	.02									T	
MANCHESTER 4 SE	2.90			.77	.18	.50					.18					.48	.06			.08	.59			.06								
MARTIN	-			-	-	.32					.49	.27				.43					-	-	-	-	-	-	-	-	-	-	-	
MC KEE	2.83			.32	.52	.07					.06	T	T		.04	.92	T			.09	.81			T	T							
MIDDLESBORO	2.01			.27	.14	.05					.37		.01			.49	T			.03	.64	T		T	T				.01			
MONTICELLO	3.03			.43	.06	.06					.04				.07	1.16	.02			.06	1.13											
MOUNT VERNON	3.06		.35		.64						.08		.03	.87	.16						.90		.03		T							
ONEIDA	3.12			.89	.13	.44					.15				.10	.41					1.00											
PAINTSVILLE 1 S	-			-		.21					.30					.44	T				.64											
PIKEVILLE	1.68		.56	.03	.20	.04					.28				.09	.09	T		.01		.35			.03	T				T			
PINEVILLE 4 NW	2.69			.55	.29	.25					.12			.05		.50	.06			.11	.61	.04		.06	T					.05		
RAVENNA LOCK 12	2.98			.43	.26	.28									.01	1.20	.04				.76				T	T						
SALYERSVILLE 2 SE	2.24			.61	.01	.21					.25					.45	.05				.66											
SOMERSET 2 N	2.88		.29		.28						.04		.09	T	1.17	.09			.04		.77		.08	T				T	T	.03		
STEARNS 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TILFORD	3.17	.11		T	.70					T	.29			T	.55	.24		.06	.04	.54	.62			T	.02							
TOMAHAWK 1 WSW	3.10	T		.47	T	.27					.32	.02				.63	.56			.03	.70			.10					T			
VANCEBURG	3.04		.46		.05					T	.07				.40	1.26	T				.46		.12	T				.12			.10	
WEST LIBERTY	1.92			.41	.06	.15					.07	T				.58	.05			T	.53	.05		.02	T	T			T			
WILLIAMSBURG 1 E	2.04			.40	.10	.13					.08			.14	.04	.28	.03			.07	.63	.04								.10		
WILLOW LOCK 13	2.36			.38	.19	.15					T				.01	.86	T			T	.77				T		T					

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	23	3.7	10.2	26++	26	20	69	73	60	63	7	4	4	1	0	0	16	-	8.4
LEXINGTON WSO	21	4.0	9.1	28++	18	20	77	81	65	71	6	6	2	3	0	0	17	-	8.2
LOUISVILLE WSO	24	3.0	9.8	30	SW	20	75	79	63	66	6	4	4	1	0	0	15	33	7.9

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	60	53	52	52	61	65	66	69	63	58	52	58	58	55	42	45	52	57	60	60	60	58	45	28	46	62	66	66	72	75		57.2
	MIN	37	37	39	30	35	28	34	36	53	43	32	35	32	40	32	19	25	35	42	40	24	45	18	11	16	43	57	50	48	53		35.6
BEAVER DAM	MAX	65	62	46	47	55	65	65	72	61	59	55	58	59	56	38	43	53	55	56	60	57	53	52	25	43	59	65	65	72	72		56.4
	MIN	40	41	33	32	35	29	40	32	52	44	45	47	39	37	33	20	23	34	36	47	25	43	18	12	14	38	56	53	50	50		36.6
FORDS FERRY DAM 50	MAX	63	57	49	46	59	65	65	71	62	58	53	56	57	52	39	44	53	57	60	54	61	55	31	28	47	63	66	65	71	73		56.0
	MIN	46	42	34	32	36	35	43	41	52	46	49	42	40	37	27	21	32	37	43	34	30	30	16	12	22	45	58	48	50	49		37.6
GILBERTSVILLE KY DAM	MAX	64	56	49	52	60	65	68	66	64	62	57	59	68	58	43	47	52	57	59	59	60	60	59	30	45	59	62	63	73	72		58.3
	MIN	40	38	40	34	36	37	45	44	56	46	46	41	39	40	33	24	36	40	43	48	34	35	20	13	24	44	56	51	49	52		39.5
GOLDEN POND 8 N	MAX	67	61	50	50	48	60	65	70	70	62	61	60	66	59	48	49	45	53	56	62	56	62	55	43	30	50	62	66	59	72		57.2
	MIN	48	39	39	32	37	35	43	43	46	56	48	42	39	43	34	24	28	33	41	45	31	34	22	12	13	25	49	55	49	52		37.9
GREENVILLE 2 W	MAX	61	55	48	48	58	64	66	70	61	60	52	56	58	55	38	44	53	55	56	60	58	54	46	28	45	60		64	71	73		55.8
	MIN	40	40	33	32	35	32	43	35	55	44	45	41	37	37	32	19	22	34	34	48	25	45	19	10	14	34		51	50	55		35.9
HENDERSON 7 SSW	MAX	58	50	48	45	58	64	65	70	58	56	51	58	55	51	37	43	52	57	56	55	58	53	35	29	42	61	64	64	71	72		54.5
	MIN	39	39	37	33	36	38	45	36	55	46	46	46	40	37	33	22	29	38	40	42	30	35	18	14	18	39	59	47	49	49		37.8
HICKMAN 1 E	MAX	61	56	52	48	61	65	68	70	66	58	56	58	59	54	42	46	55	58	60	60	61	58	48	29	46	63	70	73	73	73		58.2
	MIN	40	37	41	33	36	32	44	40	54	47	46	31	35	42	32	20	26	37	41	47	27	48	21	14	18	43	54	45	48	48		37.6
HOPKINSVILLE	MAX	72	65	46	50	49	61	67	72	70	61	51	53	60	61	47	48	45	55	55	62	57	59	52	27	30	46	61	65	65	73		56.2
	MIN	38	41	36	33	33	32	33	40	41	47	45	43	39	39	32	23	23	26	35	42	27	26	21	11	11	23	44	57	49	51		34.7
LOVELACEVILLE	MAX	60	52	51	47	62	65	69	71	64	56	51	57	60	51	44	46	53	59	60	56	62	59	47	29	45	63	66	65	71	75		57.2
	MIN	39	37	38	30	34	28	35	41	54	45	33	35	35	40	32	18	24	36	40	37	25	46	18	11	16	43	46	50	48	53		35.6
MADISONVILLE 1 SE	MAX	61	55	48	43	58	65	66	67	61	61	52	57	60	55	39	44	54	56	58	58	59	55	44	25	45	60	65	65	72	73		56.0
	MIN	39	38	35	33	31	35	36	34	34	44	43	41	39	38	33	21	25	33	38	45	27	41	19	10	11	43	56	50	46	52		35.7
MAYFIELD RADIO WNGO	MAX	62	55	48	48	62	64		69	64	60	51	58	59	59	42	46	53	56	60	60	62	59	48	30	44		67		75	73		56.8
	MIN	39	38	38	30	34	29		29		46	35	34	45	41	33	18	23	35	40	46	24	43	19	11	15		56		49	55		34.8
MURRAY	MAX	60	52	49	46	58	65	68	70	64	55	53	56	58	52	40	43	53	56	61	62	59	56	42	27	46	61	65	63	73	74		56.2
	MIN	40	38	37	33	36	32	45	42	54	45	45	39	38	38	32	20	26	34	42	45	29	42	18	12	17	42	49	51	48	56		37.5
OWENSBORO 2 W	MAX	62	54	47	45	56	64	66	72	64	58	53	62	58	55	40	44	58	56	53	58	53	58	56	27	42	63	60	72	70	73		56.6
	MIN	40	42	36	32	34	33	37	35	56	45	46	46	42	38	34	23	27	37	47	40	31	38	20	12	17	40	50	47	45	47		37.2
PADUCAH FAA AIRPORT	MAX	59	51	48	46	62	64	68	69	61	51	51	57	58	50	38	46	52	58	60	58	60	56	30	28	46	62	67	63	72	72		55.4
	MIN	39	38	33	31	36	36	42	40	50	37	36	37	36	37	25	20	31	38	42	31	25	30	15	11	22	44	59	48	51	56		35.9
PADUCAH SEWAGE PLANT	MAX	62	59	52	51	47	62	67	61	72	62	50	50	57	60	47	40	46	54	59	61	55	61	58	26	29	50	65	66	56	72		55.2
	MIN	40	38	38	33	34	32	32	40	42	47	44	37	38	38	32	22	22	32	39	42	29	29	23	12	11	25	49	54	49	55		35.3
PRINCETON 1 SE	MAX	64	55	49	46	57	64	67	70	62	60	52	57	58	55	39	43	52	55	56	60	59	56	48	28	43	60	64	65	70	72		56.2
	MIN	39	37	36	31	34	30	45	39	54	46	45	42	37	37	32	20	29	37	40	42	25	44	18	10	17	42	57	52	49	55		37.4
ROCHESTER LOCK 3	MAX	67	63	44	46	47	57	64	66	70	62	56	54	59	57	47	37	43	52	55	61	55	58	51	26	27	46	59	65	59	77		54.3
	MIN	36	39	37	34	36	34	36	34	34	44	46	43	39	38	34	24	23	24	39	45	22	26	23	15	15	22	45	48	49	53		34.6
RUSSELLVILLE	MAX	69	65	44	46	48	59	64	69	69	61	53	51	59	55	47	36	43	51	54	65	56	58	53	40	33	47	59	65	64	70		55.1
	MIN	38	40	34	34	35	36	40	36	40	46	45	38	38	39	33	21	21	30	35	45	25	25	20	11	14	22	46	57	49	57		35.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	63	60	50	45	55	65	67	68	65	58	57	60	55	53	36	44	50	55	57	57	54	51	43	23	42	57	63	62	70	66		55.0
	MIN	40	40	40	40	39	36	44	32	53	49	45	43	48	33	32	34	25	28	36	36	28	34	16	13	11	36	55	50	41	46		36.8
BARDSTOWN	MAX	66	60	50	47	54	64	65	68	69	62	56	61	57	55	40	43	48	54	57	58	54	53	49	28	42	58	65	64	71	69		56.2
	MIN	40	42	36	38	39	29	43	30	48	49	45	42	42	38	33	29	23	31	38	45	23	38	17	11	15	38	55	56	44	47		36.8
BARREN RIVER RESERVOIR	MAX	71	66	46	50	48	58	66	70	73	65	55	53	58	55	48	38	44	54	53	63	57	57	55	27	28	47	59	65	64	70		55.4
	MIN	35	39	37	34	36	32	34	36	42	47	40	41	39	43	34	29	25	29	40	48	26	26	23	11	11	23	47	57	52	55		35.7
BERNHEIM FOREST	MAX	68	58	50	47	54	64	66	70	67	60	55	62	58	56	40	43	51	55	57	59	55	54	48	26	41	58	63	63	71	70		56.3
	MIN	39	42	35	38	39	30	40	30	47	46	44	40	43	40	33	27	22	30	37	45	24	38	18	11	9	38	57	55	42	46		36.2
BOWLING GREEN FAA AP	MAX	66	52	49	47	59	64	72	72	64	53	53	59	55	48	39	44	51	51	61	59	59	52	30	28	42	59	64	66	72	73		55.4
	MIN	44	38	36	35	36	35	41	35	50	46	42	45	42	36	33	26	23	36	45	32	25	30	15	11	19	42	54	53	52	54		37.0
BRADFORDSVILLE	MAX	72	67	50	49	52	57	65	68	72	68	57	64	65	58	45	41	47	57	55	61	55	57	51	25	36	52	62	66	68	69		57.0
	MIN	34	45	33	37	38	28	35	30	45	48	43	40	40	41	33	30	20	30	43	48	23	33	19	9	9	35	50	59	52	46		35.9
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	63	57	49	43	54	63	65	68	63	58	59	60	57	50	35	42	51	54	58	56	55	49	47	25	42	57	63	61	71	66		54.7
	MIN	40	40	35	36	38	31	39	31	50	46	40	42	43	33	33	26	24	34	43	45	24	38	12	11	13	35	56	53	48	44		36.1
GLASGOW WKAY	MAX	62	55	49	44	55	64	68	71	64	58	53	57	55	48	35	44	52	49	58	59	56	53	42	26	42	57	62	63	69	69		54.6
	MIN	42	41	36	36	38	30	39	34	49	47	40	42	40	35	32	28	22	34	44	42	24	42	18	9	14	38	56	59	55	49		37.2
GREENSBURG	MAX	72	68	49	52	46	58	66	69	73	68	55	58	61	60	49	38	45	52	52	62	57	58	50	27	30	45	58	65	66	71		56.0
	MIN	37	40	36	37	37	30	33	34	34	50	43	44	43	45	34	31	23	25	40	44	25	25	22	11	13	24	45	58	50	49		35.4
HODGENVILLE-LINCOLN NP	MAX	68	63	50	48	55	65	66	70	69	58	55	60	59	55	41	44	48	53	57	58	55	53	48	25	41	58	65	65	71	69		56.4
	MIN	41	41	36	36	38	32	42	34	51	46	44	41	43	40	33	27	25	34	42	45	26	38	18	11	12	35	54	57	50	48		37.3
IRVINGTON	MAX	67	60	48	44	54	62	63	70	66	62	53	58	58	55	42	40	52	55	58	58	52	55	52	25	41	58	63	62	72	72		55.9
	MIN	40	41	35	36	36	28	40	29	49	40	40	39	45	41	33	22	22	32	37	37	22	43	17	10	11	38	56	54	46	44		35.4
LEITCHFIELD 2 N	MAX	64	53	49	45	54	63	66	71	64	59	53	59	58	51	40	42	52	55	57	59	56	52	49	26	43	56	64	63	72	69		55.5
	MIN	39	39	37	36	38	32	41	32	46	44	45	42	43	34	33	25	22	33	44	43	25	37	17	10	12	40	55	57	50	48		36.6
LOUISVILLE	MAX	70	62	49	49	52	62	64	67	67	58	57	61	60	56	39	44	50	57	56	57	56	56	52	25	43	57	64	64	71	71		56.5
	MIN	42	44	44	40	39	36	47	38	52	49	47	47	50	38	34	30	29	37	41	46	31	42	17	14	17	43	57	55	47	48		40.0
LOUISVILLE WSO	MAX	61	49	50	46	53	62	64	66	64	55	55	60	55	48	37	42	49	54	56	58	53	52	30	23	42	58	65	62	70	67		53.5
	MIN	42	39	39	40	38	31	42	34	49	46	47	46	48	35	34	29	25	33	37	38	28	30	16	15	15	42	57	46	47	46		37.1
MAMMOTH CAVE PARK	MAX	65	59	49	45	55	63	67	71	65	58	53	57	57	53	39	42	52	52	57	59	56	52	48	27	43	57	64	66	69	70		55.7
	MIN	41	41	35	34	36	30	43	32	50	44	43	44	41	38	32	26	22	35	40	48	24	42	18	6	10	36	54	58	52	52		36.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	71	65	45	49	46	57	65	68	72	65	52	55	60	58	48	38	44	53	53	61	56	58	52	26	28	46	60	64	65	71		55.0
	MIN	32	43	37	35	36	30	36	33	38	45	45	43	41	40	33	27	22	30	35	44	25	24	21	11	13	23	44	55	53	47		34.7
ROUGH RIVER DAM	MAX	70	63	45	49	45	55	64	66	72	63	54	56	61	59	47	39	43	53	46	58	54	57	52	26	27	46	58	63	57	72		54.0
	MIN	39	38	35	35	35	31	33	33	35	43	45	45	41	44	32	22	22	27	35	37	26	28	20	10	10	23	43	55	46	48		33.9
SCOTTSVILLE 3 SSW	MAX	66	60	49	45	57	65	69	71	64	58	50	55	53	49	38	43	50	48	59	61	58	52	40	26	44	58	64	62	71	72		55.2
	MIN	42	41	37	35	36	35	43	33	53	46	43	43	43	38	33	26	28	35	44	49	30	40	18	9	11				53	53		36.9
SUMMER SHADE	MAX	67	54	49	45	55	64	69	72	67	60	54	58	57	48	39	43	51	47	59	60	58	55	47	27	42	57	63	62	70	70		55.6
	MIN	44	40	35	35	39	35	40	37	48	48	36	40	39	39	32	29	23	34	42	40	25	35	15	9	12	38	53	55	52	52		36.7
WOLF CREEK DAM	MAX	70	70	52	52	45	58	67	70	71	69	59	62	58	60	49	37	46	52	48	60	56	59	60	29	30	48	58	63	65	72		56.5
	MIN	37	37	32	39	39	30	30	35	42	43	39	43	45	46	34	32	26	29	42	43	29	31	24	12	12	25	45	52	54	48		35.8
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	65	61	50	48	55	68	71	69	71	70	61	58	59	54	37	38	47	49	58	58	56	58	49	24	41	54	63	70	70	71		56.8
	MIN	40	47	34	33	37	35	48	38	52	51	42	43	48	35	31	30	26	34	41	48	29	39	17	10	12	35	51	60	52	52		38.3
CARROLLTON LOCK 1	MAX	64	61	49	48	54	62	65	66	67	62	59	59	59	55	40	43	48	54	56	55	54	54	52	23	39	56	67	63	70	69		55.8
	MIN	41	44	38	35	39	31	43	33	42	49	47	42	47	38	32	31	24	32	38	44	26	38	16	12	8	34	53	53	38	52		36.7
COVINGTON WSO	MAX	62	51	48	50	54	62	63	64	67	60	60	60	58	49	38	42	46	53	56	55	52	50	29	23	40	55	67	61	69	61		53.5
	MIN	42	38	35	39	40	35	41	34	50	49	48	46	42	35	29	28	26	33	39	34	27	29	16	13	15	40	54	44	44	51		36.5
CYNTHIANA 2	MAX	65	60	54	46	45	54	62	65	66	73	64	69	62	58	46	35	40	48	52	57	53	54	49	24	22	43	55	63	64	67		53.8
	MIN	36	38	29	30	36	29	35	28	29	48	46	39	40	37	34	23	22	22	32	35	23	24	19	10	10	21	43	53	50	47		32.3
DANVILLE	MAX	68	66	52	47	43	53	62	67	69	68	57	56	61	59	47	35	41	48	50	59	53	53	55	23	24	42	55	64	64	69		53.7
	MIN	37	38	35	32	32	33	34	36	44	46	40	40	43	42	32	30	23	23	35	43	28	28	20	11	11	20	42	55	52	52		34.6
DIX DAM	MAX	70	65	47	46	53	63	66	68	68	66		60	60	56	44	46	46	50	58	53	50	51	46	23	41	57		65	70	69		55.6
	MIN	40	47	34	33	37	34	44	34	47	50		42	41	43	31	27	25	35	40	47	36	39	18	9	13	38	52	56	50	49		37.6
FALMOUTH 5 WNW	MAX	63	58	46	47	55	62	65	65	67	62	59	60	57	48	39	42	46	52	57	57	52	50	46	21	40	52	64	61	68	67		54.3
	MIN	33	40	27	35	37	27	33	26	36	50	38	38	37	36	31	20	17	27	29	42	20	30	15	9	7	31	51	50	43	45		32.0
FARMERS 1 WNW	MAX	66	62	47	46	54	62	66	68	72	68	63	58	55	52	48	37	48	53	59	58	54	55	48	22	38	55	65	65	70	69		56.1
	MIN	36	46	37	37	38	34	40	30	39	51	40	41	40	37	32	25	21	30	34	45	26	40	18	12	10	33	55	54	47	50		35.9
FLEMINGSBURG 1 SW	MAX	63	58	46	43	55	60	63	65	72	67	60	58	55	49	40	35	46	52	57	58	51	52	46	20	36	54	62	64	68	66		54.0
	MIN	38	45	33	38	35	30	44	31	46	52	42	45	45	39	31	23	22	30	36	43	26	35	14	10	9	32	52	55	46	52		36.0
FRANKFORT LOCK 4	MAX	70	70	46	50	50	54	63	66	69	69	68	61	62	60	54	42	43	49	53	59	55	54	52	23	23	46	58	63	62	71		55.5
	MIN	36	36	35	39	39	32	32	34	32	44	43	42	44	42	33	28	24	23	30	40	26	27	20	12	12	22	45	55	45	48		34.0
LEXINGTON WSO	MAX	60	50	46	44	52	59	63	65	68	56	59	58	55	46	34	38	45	50	57	58	52	51	29	21	40	54	63	63	67	65		52.3
	MIN	41	36	32	36	36	30	43	35	48	48	36	42	40	33	27	25	24	33	38	32	28	29	12	10	12	40	53	47	48	51		34.8
MAYSVILLE SEWAGE PLANT	MAX	68	65	56	48	47	55	61	65	65	72	60	62	62	58	47	35	38	47	54	58	55	52	51	22	23	45	58	65	64	68		54.2
	MIN	39	40	38	38	38	31	32	30	31	38	43	45	46	44	32	27	23	24	32	40	27	27	19	10	12	20	40	55	41	41		33.4
MOUNT STERLING	MAX	66	59	48	45	56	62	66	67	72	67	64	59	54	54	44	36	46	52	56	59	52	53	47	22	38	50	64	65	69	69		55.4
	MIN	38	48	31	33	37	34	44	34	42	52	43	45	44	40	32	25	23	32	34	38	28	38	18	10	10	31	42	57	49	50		36.1
OWENTON	MAX	68	61	49	46	45	53	61	64	67	65	53	65	57	55	42	36	41	47	53	56	53	53	49	27	25	44	55	63	59	68		52.7
	MIN	42	42	37	36	37	34	35	41	43	49	43	44	42	41	31	30	26	28	37	41	31	32	17	12	13	22	44	55	48	49		36.1
RICHMOND	MAX	67	66	55	45	45	55	63	67	70	71	57	62	58	58	47	34	37	47	51	59	52	54	54	27	26	43	54	62	64	70		54.0
	MIN	39	43	30	32	35	31	36	37	43	50	39	43	44	42	31	27	23	30	30	46	27	32	19	8	12	20	42	54	50	51		34.9
SHELBYVILLE	MAX	67	61	47	48	45	53	62	65	66	66	53	58	57	55	45	36	42	48	53	57	49	53	49	22	23	45	57	63	60	70		52.5
	MIN	38	40	35	37	37	31	32	36	37	47	44	44	45	44	32	29	24	25	36	40	26	26	18	12	12	22	44	56	42	47		34.6
WARSAW MARKLAND DAM	MAX	68	63	58	47	47	52	62	63	65	67	54	61	60	57	45	40	48	46	54	57	54	54	52	26	22	44	58	65	60	71		54.0
	MIN	37	43	35	33	36	30	30	33	35	47	44	39	37	44	34	30	23	22	34	37	23	25	20	14	12	19	41	55	36	41		33.0
WAYNESBURG 7 NE	MAX	64	59	49	44	52	61	65	68	70	64	59	59	59	50	42	38	48	44	59	53	53	55	46	23	39	51	62	62	68	68		54.5
	MIN	43	43	30	32	35	31	39	38	49	49	42	44	44	42	30	29	22	34	39	47	26	40	16	8	9	34	50	53	51	52		36.7
WILLIAMSTOWN 3 NW	MAX	62	55	45	45	52	61	63	65	65	62	60	59	57	50	36	41	45	50	56	56	51	50	54	21	38	53	63	60	68	65		53.6
	MIN	39	41	31	35	37	32	42	41	51	49	42	45	42	35	30	23	23	32	35	42	27	41	14	9	10	32	50	47	40	52		35.6
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	65	61	70	46	47	61	65	67	69	74	62	57	58	56	49	34	38	45	56	62	58	53	57	26	26	45	58	65	67	69		55.5
	MIN	46	51	40	35	38	39	32	33	37	37	47	50	44	44	34	27	22	21	32	37	26	28	24	11	11	19	43	47	48	50		35.1
BARBOURVILLE	MAX	65	72	58	50	41	57	68	70	75	72	59	66	65	60	51	36	38	52	46	62	59	59	64	29	26	45	57	64	61	70		56.6
	MIN	42	42	34	33	35	30	30	32	32	38	39	40	43	41	35	32	20	19	32	41	27	27	27	10	10	17	44	49	50	46		33.2
BAXTER	MAX	70	70	64	47	40	55	65	66	70	70	62	64	62	57	55	36	36	49	47	60	59	56	60	29	22	38	55	59	66	66		55.2
	MIN	45	47	40	32	32	32	32	33	34	39	44	41	44	43	34	31	20	20	29	41	27	25	27	12	8	13	33	46	46	46		33.2
BLAINE	MAX	65	68	69	46	43	57	66	68	71	74	64	59	58	59	49	35	37	50	54	60	60	55	60	27	26	40	59	64	67	70		56.0
	MIN	41	47	40	33	33	38	35	29	32	32	43	42	42	37	34	25	18	23	29	38	24	24	24	8	6	18	40	50	49	50		32.8
CUMBERLAND	MAX	69	66	52	44	55	65	67	69	70	67	63	64	57	57	56	36	53	53	60	59	57	61	55	22	39	54	61	61	67	71		57.7
	MIN	47	52	37	32	34	33	32	29	37	49	48	40	43	41	32	28	17	26	37	48	33	31	17	6	5	34	48	49	46	49		35.3
DEWEY DAM	MAX	63	63	67	48	44	55	65	64	73	72	61	60	60	59	50	37	37	45	52	60	58	50	62	30	24	40	59	64	66	69		55.2
	MIN	54	48	42	34	37	42	34	33	38	38	48	45	46	41	36	30	22	22	31	42	28	28	23	14	10	15	39	53	52	50		35.8
GRAYSON 5 SE	MAX	67	64	70	46	44	56	65	68	71	74	62	58	58	61	49	35	37	50	55	61	58	55	58	26	24	43	58	64	66	70		55.8
	MIN	43	49	40	33	37	29	31	30	31	35	40	45	40	38	35	23	19	19	29	37	24	25	25	10	8	18	43	48	50	51		32.8
HEIDELBERG LOCK 14	MAX	66	65	55	47	57	66	69	71	75	72	64	63	61	58	50	37	49	49	61	62	56	62	56	25	41	57	65	66	70	70		58.8
	MIN	37	50	32	32	38	32	33	31	35	49	40	41	44	39	33	27	19	28	38	43	24	25	20	10	12	24	46	50	50	47		34.3
HINDMAN 11 NNE	MAX	62	66	70	49	42	55	64	66	67	72	64	66	60	59	50	37	37	46	52	62	60	50	65	30	23	40	60	66	67	70		55.9
	MIN	47	44	40	35	36	35	37	31	34	34	49	44	42	42	35	29	20	20	30	38	28	25	28	13	8	15	39	52	50	48		34.3
HYDEN	MAX	66	67	67	49	40	53	63	65	69	71	61	62	62	57	50			48	50	60	58	50	62	29	29	45	56	64	65	69		56.7
	MIN	43	43	40	33	33	34	34	32	32	36	42	42	43	43	34			20	30	39	28	27	28	12	9	16	44	50	50	50		34.5
JACKSON	MAX	71	68	71	53	41	61	68	70	76	76	59	64	61	60	50	35	37	52	50	62	60	59	64	33	28	45	58	64	65	69		57.7
	MIN	43	45	35	34	34	37	38	33	33	37	43	44	44	46	34	31	21	23	32	41	29	28	27	13	11	17	44	52	54	53		35.2

See Reference Notes Following Station Index

DAILY TEMPERATURES

Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	66	61	48	39	54	64	67	70	69	57	63	60	58	47	36	37	48	45	59	61	55	60	34	24	39	54	61	63	67	68		54.5
	MIN	39	40	31	33	34	30	39	33	43	47	36	39	44	36	31	24	21	31	41	33	24	31	13	9	10	35	50	50	53	47		34.2
MANCHESTER 4 SE	MAX	69	65	51	45	55	65	67	71	74	69	64	61	59	50	50	38	50	48	60	62	58	64	56	22	40	56	64	64	70	71		57.9
	MIN	40	48	34	32	38	31	33	31	34	48	40	40	47	42	33	31	19	28	36	44	24	27	19	10	9	32	51	50	53	47		35.0
MC KEE	MAX	65	65	56	46	41	55	64	67	70	70	57	63	60	58	48	34	35	47	47	59	59	55	59	26	24	42	55	62	63	68		54.0
	MIN	34	35	30	31	33	27	29	29	30	36	38	39	42	37	32	28	17	18	30	41	23	23	24	7	6	18	41	54	50	46		30.9
MIDDLESBORO	MAX	72	71	61	54	52	57	64	69	69	71	62	66	60	58	54	42	35	47	45	61	60	56	60	32	25	39	54	58	59	69		56.1
	MIN	44	45	37	34	37	30	30	32	32	37	38	40	43	40	34	32	20	21	31	39	25	26	27	11	9	14	37	50	51	51		33.2
MONTICELLO	MAX	66	58	51	44	57	65	68	74	70	56	60	59	58	51	45	42	52	45	58	58	59	62	48	28	46	54	67	62	72	69		56.8
	MIN	36	39	29	36	36	31	46	33	46	50	40	38	47	44	32	31	23	35	41	48	24	37	17	10	11	35	51	56	49	50		36.7
MOUNT VERNON	MAX	68	60	49	44	54	63	67	70	70	67	63	62	60	55	45	38	48	47	58	58	56	58	48	25	42	52	62	63	69	70		56.4
	MIN	36	45	30	33	37	34	45	33	38	50	40	42	45	41	31	30	21	32	40	48	24	35	17	10	10	36	51	56	51	50		36.4
PIKEVILLE	MAX	72	73	56	45	61	71	72	75	77	68	61	64	58	52	51	38	51	52	62	62	58	70	60	24	39	60	63	66	72	72		60.2
	MIN	50	50	41	37	39	43	40	35	40	52	53	47	48	42	35	30	22	30	37	44	30	29	20	13	16	26	40	50	50	55		38.1
SOMERSET 2 N	MAX	66	56	48	44	56	63	67	71	69	60	63	64	61	52	45	41	49	49	58	61	56	59	49	28	42	53	63	64	70	68		56.5
	MIN	34	41	29	33	37	30	39	32	37	50	41	41	45	44	32	31	22	27	41	41	24	24	17	10	9	35	40	55	48	44		34.4
STEARNS 1 W	MAX																																
	MIN																																
TOMAHAWK 1 WSW	MAX	60	63	70	49	43	56	64	67	69	73	64	58	60	59	51	36	37	47	55	63	62	53	66	39	25	37	60	64	67	70		56.2
	MIN	46	48	40	33	36	40	35	30	34	32	47	43	44	37	35	29	20	20	29	40	26	23	27	10	7	16	37	47	47	49		33.6
VANCEBURG	MAX	67	60	60	44	57	63	67	68	75	71	58	60	60	54	45	38	47	57	60	58	56	54	49	24	39	56	66	66	69	69		57.2
	MIN	36	37	39	37	37	29	39	30	30	47	37	45	45	43	33	27	20	28	32	40	25	27	19	11	9	22	45	56	44	49		33.9
WEST LIBERTY	MAX	63	66	68	48	43	47	65	69	71	75	59	60	57	61	50	35	38	50	53	60	58	58	60	30	24	40	59	66	70	68		55.7
	MIN	40	40	35	35	36	39	38	32	32	35	40	44	45	42	34	25	20	20	30	40	26	26	23	11	8	17	35	56	53	50		33.6
WILLIAMSBURG 1 E	MAX	71	67	55	45	47	68	70	72	71	68	65	62	59	58	52	44	52	59	59	60	62	65	54		42		54	58	62	70		59.7
	MIN	40	48	35	36	39	31	48	35	39	50	41	41	47	42	33	32	30	25	34	39	28	26			11	20	45	51	51	54		37.5

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN	4	MAX	59	57	54	55	51	51	58	53	54	53	53	54	54	54	54	48	47	46	47	48	48	47	45	40	37	40	46	49	51	53		50.2
		MIN	54	54	52	51	50	47	50	48	52	52	53	52	52	52	48	46	42	44	44	47	43	45	40	36	36	36	36	46	49	51		46.9
	20	5PM	61	61	60	59	58	57	57	57	57	57	57	57	57	57	56	55	53	53	53	53	53	52	52	50	48	47	48	49	51	52		54.6
BEREA COLLEGE	4	MAX	62	61	59	54	53	54	55	56	56	56	57	58	57	57	51	48	47	43	51	52	52	49	49	43	38	42	49	52	55	58		52.5
		MIN	57	59	54	51	50	50	51	54	51	56	55	55	55	51	48	46	43	41	47	51	46	47	43	38	37	37	41	50	52	55		49.0
	20	5PM	65	65	65	63	61	61	61	61	61	60	61	61	61	61	60	58	57	56	56	56	55	55	56	54	51	50	50	51	52	54		57.9
CUMBERLAND GAP PARK	4	MAX	62	60	58	55	52	52	52	52	52	54	54	53	53	55	52	49	47	45	48	50	47	50	43	46	40	40	45	48	52	53		50.6
		MIN	59	58	55	52	51	49	50	49	50	51	51	52	52	52	49	47	42	43	43	44	45	43	43	39	36	37	40	44	47	51		47.5
	20	5PM	62	62	62	61	59	58	57	57	57	57	57	57	57	57	57	57	53	53	52	52	52	52	52	52	49	47	47	48	49	51		54.8
FLEMINGSBURG 1 SW	4	MAX	61	59	58	55	54	54	53	53	53	54	55	55	56	55	53	49	46	46	49	49	49	49	46	43	38	39	45	50	50	51		50.9
		MIN	57	57	54	53	52	51	51	51	52	53	54	55	55	53	48	46	44	45	46	49	46	46	42	38	37	37	39	45	49	50		48.5
	20	6PM	60	60	59	59	57	57	56	56	56	56	56	56	56	56	55	54	53	52	52	51	52	51	51	49	47	46	46	48	48	50		53.5
GLASGOW WKAY	4	MAX	60	58	58	56	55	55	54	55	55	55	55	55	55	55	53	51	50	49	52	52	51	49	49	47	42	43	48	50	54	54		52.5
		MIN	57	58	56	55	54	52	53	54	55	55	55	55	55	53	51	50	47	47	48	51	49	49	47	42	41	41	43	46	50	54		50.8
	20	6PM	61	61	60	59	58	58	58	57	57	57	57	57	57	56	55	55	54	53	53	53	53	53	52	50	49	49	50	51	52	53		54.9
GREENVILLE 2 W	4	MAX	62	62	58	55	54	55	56	53	55	56	55	55	56	57	55	52	48	49	50	52	51	50	50	45	40	44	-	51	45	57		52.7
		MIN	-	58	53	53	52	52	53	53	53	55	55	55	54	55	52	48	45	48	48	50	47	49	45	40	39	40	-	43	43	45		49.4
	20	5PM	62	62	60	60	59	58	58	58	58	58	58	58	58	58	57	55	55	54	53	54	53	53	53	51	49	49	-	50	51	52		55.7
HENDERSON 7 SSW	4	MAX	60	59	58	57	56	55	56	56	56	56	56	56	56	55	55	53	50	50	50	51	52	50	50	48	44	45	50	50	53	54		53.2
		MIN	59	58	56	54	55	54	55	54	56	56	56	56	55	55	53	50	49	50	50	50	50	50	47	44	42	42	45	50	50	53		51.8
	20	6PM	61	61	60	60	59	58	58	58	58	58	58	58	58	58	57	56	55	54	54	54	54	54	54	52	51	51	51	52	53	54		56.0
IRVINGTON	4	MAX	59	59	56	53	53	53	53	54	55	54	54	54	55	56	53	50	47	54	56	55	57	48	47	43	38	50	50	50	54	56		52.5
		MIN	55	55	53	52	51	48	50	49	54	54	54	53	54	53	49	45	43	47	54	54	45	45	42	38	37	38	46	49	50	54		49.0
	20	4PM	58	58	56	56	55	54	54	54	54	54	54	55	54	54	49	52	50	50	51	50	49	50	50	47	45	45	45	47	48	49		51.6
MAYFIELD RADIO WNGO	4	MAX	69	66	62	61	55	59	-	53	57	56	57	56	57	56	56	54	47	54	54	54	54	57	53	45	41	-	48	-	55	55		55.2
		MIN	59	57	56	55	53	51	-	52	53	55	54	54	54	52	54	47	43	47	50	53	48	53	45	41	40	-	47	-	53	55		51.1
	20	5PM	57	62	61	60	59	52	-	51	52	57	56	53	53	51	53	52	51	51	51	51	50	52	52	50	48	-	50	-	51	53		53.3
PRINCETON 1 SE	4	MAX	60	59	56	56	54	54	54	54	55	55	55	55	55	54	54	50	47	48	50	50	51	59	49	45	40	44	50	51	54	55		52.4
		MIN	58	56	55	54	52	51	52	53	54	55	55	55	53	53	50	47	46	47	48	49	48	48	45	40	39	39	44	50	51	54		50.0
	20	5PM	62	61	60	59	58	58	58	57	57	58	58	58	57	57	56	55	54	54	54	54	54	54	53	51	49	49	50	51	52	53		55.4
QUICKSAND	4	MAX	60	59	59	58	55	53	53	53	54	54	54	55	55	55	54	55	47	46	49	49	49	48	46	44	38	38	46	49	52	54		51.4
		MIN	57	58	55	54	51	51	50	50	51	51	52	54	54	54	51	47	43	44	40	49	41	44	44	38	36	36	37	46	49	51		47.9
	20	4PM	61	61	61	61	57	52	56	56	56	56	56	52	56	56	54	54	52	51	51	51	52	51	51	48	46	46	46	47	49	50		53.2
SANDY HOOK 4 NW	4	MAX	60	59	59	55	53	50	55	55	55	54	55	57	55	56	53	50	45	46	49	49	49	47	45	42	39	40	45	50	55	55		51.2
		MIN	59	58	55	52	50	45	50	48	50	52	54	55	53	53	50	45	42	44	45	49	45	43	42	39	38	38	40	45	50	53		48.1
	20	6PM	58	58	58	57	55	55	55	54	54	54	54	55	54	55	54	53	50	50	49	50	50	50	49	49	45	45	45	46	49	46		51.9
SOMERSET 2 N	1	MAX	60	60	58	55	56	55	61	61	55	56	57	57	57	58	57	56	49	49	51	51	52	50	49	45	40	44	47	50	53	55		53.5
		MIN	56	58	53	53	53	50	55	55	53	54	53	54	55	52	56	49	45	48	48	50	46	48	45	39	37	38	43	47	50	51		49.8
	4	MAX	60	60	58	55	54	54	61	60	55	55	56	56	56	57	54	51	50	49	50	51	52	50	49	47	42	42	47	49	53	54		52.9
		MIN	56	58	54	53	53	51	54	55	53	54	54	55	56	53	51	50	46	48	48	50	47	48	46	42	39	41	42	47	49	52		50.2
	20	6PM	64	63	62	62	61	60	60	59	60	59	59	60	60	59	58	57	56	56	56	56	56	55	55	53	52	51	51	51	53	54		57.3

DAILY SOIL TEMPERATURES

CONTINUED

Station	Depth (IN)	Time	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
WILLIAMSTOWN 3 NW																																		
	4	MAX	59	59	57	55	54	52	53	54	53	54	55	55	55	55	53	51	48	47	48	49	49	47	48	43	40	40	46	49	49	52		51.0
		MIN	58	57	55	53	52	52	51	52	53	53	53	55	55	53	51	48	46	46	46	47	47	47	43	40	36	38	40	45	49	49		49.1
	20	6PM	60	60	59	57	57	56	55	55	55	55	55	55	55	55	55	53	52	52	52	51	51	51	50	49	47	45	46	47	48	49		52.9

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
ELKTON 2 S	SNOWFALL				T																											
	SN ON GND																															
FORDS FERRY DAM 50	SNOWFALL																						T	T								
	SN ON GND																															
HENDERSON 7 SSW	SNOWFALL															T								T								
	SN ON GND																															
OWENSBORO 2 W	SNOWFALL																							T								
	SN ON GND																															
* * * CENTRAL 02																																
BOWLING GREEN FAA AP	SNOWFALL														T	T								T								
	SN ON GND															T																
IRVINGTON	SNOWFALL															T																
	SN ON GND																															
LOUISVILLE WSO	SNOWFALL														.1	T								.2	T							
	SN ON GND																															
	WTR EQUIV																															
MAMMOTH CAVE PARK	SNOWFALL															T								T								
	SN ON GND																															
MILLERSTOWN	SNOWFALL				T											T								T								
	SN ON GND																															
SUMMER SHADE	SNOWFALL																							T								
	SN ON GND																															
* * * BLUE GRASS 03																																
COVINGTON WSO	SNOWFALL														.1	.3								T	T	T						
	SN ON GND																							T		T						
	WTR EQUIV																															
CYNTHIANA	SNOWFALL															T	T								T	T						
	SN ON GND																															
DANVILLE	SNOWFALL				1.0											.2																
	SN ON GND				1											T																
FARMERS 1 WNW	SNOWFALL																							-								
	SN ON GND																							-	T	T						
LEXINGTON WSO	SNOWFALL		T												T	T								T	T							
	SN ON GND															T																
	WTR EQUIV																															
MAYSVILLE SEWAGE PLANT	SNOWFALL																									T						
	SN ON GND																															
OWENTON	SNOWFALL															T									T	T						
	SN ON GND																															
WILLIAMSTOWN 3 NW	SNOWFALL															.6								T								
	SN ON GND															T																
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL				T											T	T															
	SN ON GND																															
DEWEY DAM	SNOWFALL																								T							
	SN ON GND																								T							
HEIDELBERG LOCK 14	SNOWFALL				T																			T								
	SN ON GND				T																											
HYDEN	SNOWFALL																T								T							
	SN ON GND																								T							
LONDON FAA AP	SNOWFALL				T	T										T								T	T							
	SN ON GND																															
MIDDLESBORO	SNOWFALL																					T		T	T							
	SN ON GND																															
PIKEVILLE	SNOWFALL															T	T							T	T							
	SN ON GND																															
SOMERSET 2 N	SNOWFALL																							T								
	SN ON GND																															

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WSO	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	430		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	392[illegible]	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO	R 4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO	R 4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER HELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	670		7A			DONALD R. MARSHALL
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	R 6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	9	38 00	85 43	435		7A			H. W. CUNDIFF
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	[illegible]	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	[illegible]	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	[illegible]	37 02	83 04	1760		5P			JAMES M. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
B	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-12/30/70-870

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
DECEMBER 1970
Volume 65 No. 12

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max. Depth on Ground	Snow, Sleet Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	51.2	31.8	41.5		73	3	15	26	722	0	0	19	0	5.66		1.88	21	1.0	0		7	3	3
BEAVER DAM	51.3	31.5	41.4		73	3	11	26	723	0	0	17	0	4.97		1.48	22	.0	0		5	4	3
FORDS FERRY DAM 50	49.9	30.9	40.4		72	3	15	26	756	0	0	20	0	3.48	.31	1.31	22	T	T	31	7	3	1
GILBERTSVILLE KY DAM	52.4M	34.9	43.7M		72	3	18	26	649	0	0	14	0	4.88		1.75	21	T	0		6	4	2
GOLDEN POND 8 N	53.5	32.6	43.1		75	1	15	26	674	0	0	16	0	4.86		2.04	22	T	0		6	4	2
GREENVILLE 2 W	52.3M	32.6M	42.5M	3.8	73	3	10	26	674	0	0	16	0	5.31	1.44	1.43	21	.0	0		7	4	3
HENDERSON 7 SSW	48.6	31.7	40.2	2.5	72	3	15	28+	762	0	1	17	0	3.02	- .57	1.26	21	T	T	25	5	3	1
HICKMAN 1 E	52.5	33.5	43.0		74	1	14	26	674	0	0	17	0			1.33	16	.0	0			4	2
HOPKINSVILLE	52.2	31.3	41.8	3.0	74	4	14	27+	712	0	1	19	0	4.77	.77	1.80	22	.5	1	31	7	2	2
LOVELACEVILLE	52.4	33.2M	42.8M	3.6	72	3	12	26	678	0	0	19	0	4.91	.90	1.26	21	T	0		7	3	3
MADISONVILLE 1 SE	51.0	32.6	41.8		73	3	15	28+	712	0	0	16	0	4.87		1.72	22	.0	0		8	4	2
MAYFIELD RADIO WNGO	51.1M	31.9M	41.5M		73	3	11	26	723	0	0	18	0	6.99		1.87	21	1.0	0		7	5	4
MURRAY	51.3	33.7	42.5	2.4	72	3	14	26	689	0	0	17	0	4.44	.34	1.03	11	T	T	31	7	4	1
OWENSBORO 2 W	50.1	31.9	41.0	3.5	72	3+	15	26	738	0	0	15	0	4.17	.92	1.55	22	T	T	31+	7	4	1
PADUCAH FAA AIRPORT	50.5	32.0	41.3		72	3	16	26	729	0	0	18	0	4.00		1.69	21	T	0		6	3	1
PADUCAH SEWAGE PLANT	52.2	31.6	41.9		75	1	16	26	709	0	0	20	0	4.21	.62	1.69	22	T	T	31	6	5	1
PRINCETON 1 SE	51.6	31.8	41.7	2.9	72	3	14	26	714	0	0	18	0	4.61	.71	1.49	21	1.0	0		7	4	1
ROCHESTER LOCK 3	51.1	29.6	40.4		73	4	15	26	755	0	0	21	0	5.45		2.17	22	.0	0		7	3	2
RUSSELLVILLE	52.4	31.2	41.8	3.5	73	4+	12	26	714	0	0	16	0	4.61	.46	1.90	22	1.0	1	31	7	4	1
DIVISION			41.8	3.0										4.73	.92			.2					
* * * CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN	50.6	30.4	40.5		73	3	10	28+	752	0	2	17	0	5.55		1.85	22	2.0			6	4	3
BARREN RIVER RESERVOIR	53.1	31.0	42.1		73	4+	13	27+	705	0	0	16	0	3.89		1.60	22	.5	1	31	8	3	1
BERNHEIM FOREST	51.1	29.9	40.5		72	3	8	28	751	0	0	16	0	5.44		1.61	22	1.0	T	31	6	3	3
BOWLING GREEN FAA AP	51.2	31.4	41.3	2.2	73	3	14	26	727	0	0	18	0	4.86	.52	1.82	21	2.0	1	31	7	4	2
BRADFORDSVILLE	53.5	30.5	42.0		72	4	9	28+	706	0	0	18	0	0 5.38		2.07	22	2.0	2	31	8	3	3
CAMPBELLSVILLE 2 SSW	52.1	31.8	42.0		72	3	11	26	707	0	0	17	0	4.65		1.60	21				6	3	3
CECILIA	50.3	30.2	40.3	4.0	71	3	11	26	758	0	0	17	0	5.26	1.50	1.65	22	.5	T	31	5	4	3
GLASGOW WKAY	50.9	32.2	41.6		70	3	10	26	719	0	1	15	0	4.41		1.52	21	1.5	1	31	8	4	1
GREENSBURG	52.2	29.3	40.8	2.8	72	4	13	26	746	0	0	18	0	4.31	.35	2.00	22	2.5	3	31	8	3	1
HODGENVILLE-LINCOLN NP	50.9	31.5	41.2		71	3	11	26	730	0	1	17	0	3.05		1.41	21	1.0	1	31	4	2	2
IRVINGTON	50.5	30.1	40.3	2.6	72	3	10	28+	758	0	1	18	0	4.54	1.10	1.72	22	T	0		6	4	2
LEITCHFIELD 2 N	50.3	30.1	40.2	1.8	73	3	12	26	759	0	0	17	0	5.98	1.96	3.10	22	1.0	1	31	7	3	2
LOUISVILLE	51.2	33.7	42.5		71	4+	15	28+	692	0	0	15	0	4.23		1.08	22	.5	0		7	3	1
LOUISVILLE WSO R	48.2	30.9	39.6	3.3	72	3	14	26	781	0	0	18	0	4.18	.96	1.68	21	.8	1	31	6	4	1
MAMMOTH CAVE PARK	52.0	31.5	41.8		73	3	8	26	713	0	1	18	0	5.27		1.62	22+	2.5	2	31	7	3	2
NOLIN RIVER RESERVOIR	51.5	28.8	40.2		74	4	9	28	763	0	0	18	0	5.89		2.30	22	1.5	2	31	9	4	2
ROUGH RIVER DAM	50.5	27.4	39.0		73	4	10	26	802	0	0	21	0	5.33		2.20	22	T	T	31+	5	3	2
SCOTTSVILLE 3 SSW	52.7	34.5	43.6		71	3+	11	26	656	0	0	15	0	5.07		1.98	21	3.0	1	31	7	4	1
SUMMER SHADE	51.9	32.0	42.0		70	3+	10	26	707	0	1	15	0	4.72		1.81	21	3.0	1	31	7	4	1
WOLF CREEK DAM																							
DIVISION			41.1	3.1										4.84	.99			1.4					
* * * BLUE GRASS 03																							
BEREA COLLEGE	53.8M	31.2M	42.5M	3.7	76	3	10	26	692	0	0	17	0										
CARROLLTON LOCK 1	50.1	29.7	39.9		71	3	10	28+	770	0	0	16	0	4.50	1.89	1.28	22	.8	1	31	7	5	1
COVINGTON WSO R	46.9	29.1	38.0	4.7	70	1	9	26	829	0	4	18	0	3.32	.57	.85	16	.4	T	31+	6	3	0
CYNTHIANA 2	48.4	25.4	36.9		72	2	8	28	866	0	3	20	0	4.42		1.90	22	T	0		5	3	2
DANVILLE	49.3	29.2	39.3		70	4	10	27+	793	0	2	18	0	4.63	1.09	2.50	22	2.1	2	31	7	2	1
DIX DAM	50.4M	31.4M	40.9M		70	3+	9	26	741	0	2	16	0	4.89		2.54	22	.0	0		6	3	2
FALMOUTH 5 WNW	48.1	25.9	37.0		70	3	5	28	860	0	3	20	0	3.15	.11	.92	12	T	T	26	6	4	0
FARMERS 1 WNW	50.3	29.2	39.8	2.6	72	1	8	28	776	0	2	15	0	4.59	1.36	2.28	22	1.0	1	31	7	2	2
FLEMINGSBURG 1 SW	47.9	29.2	38.6		70	1	5	26	810	0	4	17	0	5.00		1.46	12	.7	1	31	5	3	3
FRANKFORT LOCK 4	49.7	27.9	38.8	1.8	74	4	11	26	802	0	1	19	0	4.56	1.45	2.32	22	.5	1	31	6	2	2
LEXINGTON WSO R	47.5	29.1	38.3	2.4	70	3+	8	26	821	0	4	18	0	5.51	2.06	2.07	21	1.2	1	31	5	5	2
MAYSVILLE SEWAGE PLANT	48.0	27.1	37.6	1.7	71	2	9	26	845	0	3	18	0	4.18	.99	1.50	22	T	T	26	9	2	2
MOUNT STERLING	50.3	30.9	40.6		70	1	8	26	749	0	2	15	0	5.11	1.53	1.58	22	3.6	3	31	7	3	3
OWENTON	48.1	30.2	39.2		68	4+	10	26	794	0	3	18	0	4.32		1.15	22	T	0		5	4	3
RICHMOND	49.9	30.5	40.2		70	2	8	26	760	0	2	16	0	6.34		2.39	22	4.0	3	31	10	4	2
SHELBYVILLE	48.5	26.8	37.7	1.3	70	4	10	27+	840	0	2	19	0	4.52	1.06	1.96	22	T	T	31	6	2	2
WARSAW MARKLAND DAM	48.1	26.0	37.1	1.3	72	1	8	30+	855	0	2	21	0	3.42	.53	1.06	22	.5	1	31	7	3	1
WAYNESBURG 7 NE	51.2	30.9	41.1		69	3+	5	26	735	0	1	17	0	3.70		1.56	22	3.0			7	3	1
WILLIAMSTOWN 3 NW	47.8	29.0	38.4	2.9	68	4+	7	26	817	0	3	18	0	4.88	1.87	.84	22	.1	T	25	7	6	0
DIVISION			39.0	1.9										4.50	1.14			1.0					
* * * EASTERN 04																							
ASHLAND	49.5	27.8	38.7	.4	72	2	10	29+	808	0	2	19	0	4.39	1.56	2.03	22	.3	0		7	2	2
BARBOURVILLE	53.4	29.4	41.4		72	1	11	27	723	0	1	18	0	4.07		2.00	22	T	0		[illegible]	3	1
BAXTER	51.1	28.7	39.9		71	1	11	27	770	0	1	19	0	4.30		1.73	22	.7	1	26	5	4	2
BLAINE	50.7	25.5	38.1		72	2	6	29+	826	0	1	19	0	3.64		1.73	22	.5			7	2	1
CUMBERLAND	53.7	29.9	41.8		70	3+	7	7	712	0	0	17	0	4.87		1.60	21	8.0			8	4	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 159

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
DEWEY DAM	50.0	27.6	38.8		70	2	10	27	807	0	4	18	0	2.33		1.08	22	1.5	1	31+	3	2	1
GRAYSON 5 SE	49.9	26.1	38.0		73	2	7	29+	831	0	3	19	0	4.32		2.01	22	1.0	1	27+	5	2	2
HEIDELBERG LOCK 14	53.7	29.7	41.7		72	4+	9	28	714	0	0	18	0	3.39	.11	1.43	22	1.0	1	31	7	2	1
HINDMAN 11 NNE	53.6	26.1	39.9		71	3	10	31+	774	0	1	20	0	4.01		1.30	31	13.0	12	31	4	4	1
HYDEN	51.7M	28.5M	40.1M		71	2+	8	27+	755	0	1	19	0	3.85		1.57	22				7	2	1
JACKSON	52.9	29.0	41.0		73	3+	12	28+	736	0	1	16	0	4.13		1.45	22	1.0			6	3	1
LONDON FAA AP	49.2	29.5	39.4		70	3+	7	26	788	0	3	19	0	3.90		1.41	21	7.6	1	27+	6	4	1
MANCHESTER 4 SE	54.0	30.2	42.1		72	1	9	26	699	0	1	16	0	3.61		1.53	22	2.0	1	31+	6	2	1
MC KEE	49.0	25.8	37.4		70	4+	6	27+	850	0	3	22	0	4.27		1.60	22	2.5	2	31	9	2	1
MIDDLESBORO	52.3	30.0	41.2		71	3	11	27	736	0	1	18	0	3.42		1.09	12				5	3	1
MONTICELLO	53.7	32.8	43.3		73	1	9	26	666	0	1	15	0	3.82		1.93	22	2.9	2	31	8	2	1
MOUNT VERNON	52.4	31.8	42.1		72	1	7	26	701	0	1	16	0	3.94		1.03	21	4.0	3	31	8	3	1
PIKEVILLE	53.7	31.8	42.8		74	1	15	30+	681	0	1	17	0	4.00	.83	.89	31	11.0	10	31	8	4	0
SOMERSET 2 N	52.5	30.1	41.3		71	3+	9	28+	726	0	1	18	0	4.36		1.20	21	3.7	3	31	7	4	1
STEARNS 1 W																							
TOMAHAWK 1 WSW	52.8M	27.8M	40.3M		72	2	8	29	761	0			0	3.20		1.39	22	1.6	1	31+	6	2	1
VANCEBURG	52.6	28.2	40.4		80	2	7	28	754	0	3	19	0	0 3.61	.50	1.12	22	1.3			7	2	2
WEST LIBERTY	50.5	26.5	38.5		74	2	7	29+	814	0	1	18	0	4.34		2.04	22	1.0	1	26	7	2	1
WILLIAMSBURG 1 E	55.3	33.5	44.4	4.5	73	3+	10	26	633	0	0	15	0	3.59	- .25	1.53	22	.0	0		4	3	2
DIVISION			40.5	1.8										3.89	.26			3.1					

EXTREMES

HIGHEST TEMPERATURE VANCEBURG	80	DATE	02
LOWEST TEMPERATURE 3 STATIONS	5	DATE	28+
GREATEST TOTAL PRECIPITATION MAYFIELD RADIO WNGO	6.99		
LEAST TOTAL PRECIPITATION ELKHORN CITY	2.17		
GREATEST 1 DAY PRECIPITATION KEENE 1 SSW	3.34	DATE	22
GREATEST TOTAL SNOWFALL HINDMAN 11 NNE	13.0		
GREATEST DEPTH OF SNOW HINDMAN 11 NNE	12	DATE	31

KENTUCKY - DECEMBER 1970

SPECIAL WEATHER SUMMARY

The month was relatively mild, with mostly moderate but some heavy precipitation totals, and minor flooding at some locations. Snowfall totals varied from very light in the northwest to heavy in the southeast, from traces to as much as 12 inches or more at a few locations in the southeast.

The first 23 days of the month consisted of about three times as many mild as cool or cold days (above normal rather than below normal mean temperatures), but readings dropped to below normal on the 24th and remained on the cold side for the balance of the month. Afternoon temperatures were in the upper sixties and low seventies the first 3 days of the month; record maximum readings were reported on at least 2 days at several locations.

Rain on the 11th and 12th made the week of the 7th-13th the wettest week in about two months. Heavy rains on the 21st and 22d caused considerable rises along most tributaries and rivers: to near bankfull along the upper Cumberland River along and above Williamsburg in southeast Kentucky; to a little over bankfull along Paints Creek in Johnson County in the east; to near or within several feet of flood stage at several points along the Red and Licking Rivers in the east; to near bankfull stage of tributaries of the Ohio River (Salt River, Indian Creek) in north-central Kentucky; to near bankfull at several points along the Ohio River and the Green River in the west. Flooding when it did occur was reported to have been relatively minor, mostly confined to farmland.

Snow flurries touched most areas on the 25th, but it was not a "White Christmas" at most western and central points (traces only at most reporting stations). However, totals ranged from 1 to 2 inches at a number of points from the southern Blue Grass southward to the Tennessee border and eastward and southeastward to the West Virginia and Virginia borders. The heaviest snowfall of the month came on the 31st when a number of locations measured from 1 to 3 inches and a number of southeastern points had from 4 to 12 inches.

Heavy fog was the rule over the greater part of the State on the morning of the 2d, slowing vehicular and air traffic; a number of automobile accidents were reported. On the night of the 3d, strong, gusty winds were responsible for mostly minor wind damage at scattered locations in the Blue Grass and northeast.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issues of STORM DATA and CLIMATOLOGICAL DATA NATIONAL SUMMARY.

DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	5.66					.41					.19	.33	.39			T	1.16		T	.05		1.88	1.16	.01		T						.08
BEAVER DAM	4.97					.05					.02	.12	1.25				.65			.03		1.37	1.48									T
CALHOUN LOCK 2	4.98			.04			.06					.09	1.10	T			.48	.30				.36	2.45	.10			T					T
COBB	4.66						T						1.02				.42	.15				.85	2.02									.20
DAWSON SPRINGS	4.56			.02		T	.28					.09	1.03				.45	.15			.10	.80	1.46	.03		T						.15
DUNDEE	4.06						.10					*	1.80				*	.51			*	*	1.65			T						T
DUNMOR	4.56			.02			.12					.02	1.03	T			.37	.20				.40	2.28	.02			T					.10
ELKTON 2 S	4.01			.01			.11					.07	.66	.03			.47	.27			.03	.42	1.65	.10			T					.19
FORDS FERRY DAM 50	3.48			.12			.10					.03	.30				.54	.57			.03	.45	1.31	.03								T
FRANKLIN 1 E	4.31			.05			.13					.09	.49				.42	.35				.47	2.01	.21			T					.09
GILBERTSVILLE KY DAM	4.88					.29	T				.07	.15	.69				.89			.01		1.75	1.02	.01		T						T
GOLDEN POND 8 N	4.86					T	.25				T	.02	1.10				.57	.19	.01			.65	2.04	.03								T
GREENVILLE 2 W	5.31					.28					.07	.13	1.23				.68			.15		1.43	1.26									.08
HARTFORD 6 NW	5.26						.07					T	1.38	T	T		.67	.40			T	.83	1.91				T					T
HENDERSON 7 SSW	3.02					.05					.05	.17	.18				.79			T		1.26	.51			T						.01
HICKMAN 1 E	-		T			-					T	.35	.75				1.33	T	T	T		1.16	.85	T		T						.20
HOPKINSVILLE	4.77			.12			.19						1.58				.40	.12			T	.44	1.80	.04								.08
LOVELACEVILLE	4.91					.42					.20	.38	.35				1.10			.05		1.26	1.15									T
MADISONVILLE 1 SE	4.87			.10								.30	1.12				.50	.17			.18	.71	1.72	.04								.03
MAYFIELD RADIO WNGO	6.99					.12						.42	.75				1.67					1.87	1.03									1.13
MURRAY	4.44					.30						1.03	.40				.85			.03		.77	.94									.12
OWENSBORO 2 W	4.17			.13			.22				T		.58				.70	.12				.87	1.55				T					T
OWENSBORO DAM 46	3.46			.08			.04						.44	T			.61	.37			T	.45	1.46	.01	T		T					T
PADUCAH FAA AIRPORT	4.00		T			.43					.09	.52				.37	.60		T	T	.05	1.69	.25			T					T	T
PADUCAH SEWAGE PLANT	4.21			T			.40				.04	.02	.50				.55	.50		T	T	.51	1.69	T			T					T
PARADISE STEAM PLANT R	5.83						.25					.04	1.48	.02			.37	.18			.07	.48	2.86	.08								T
PRINCETON 1 SE	4.61					.27					.09	.11	.81				.80			.12		1.49	.89			T						.03
ROCHESTER LOCK 3	5.45						.26					.07	1.53	.02			.38	.25			.12	.51	2.17	.05			T					.09
RUSSELLVILLE	4.61											.12	.97	T			.55	.25				.50	1.90	.07								.25
SEBREE	4.82		T	.05			.14					.20	.55				T	1.30		T		.95	1.60				T					.03
UNIONTOWN DAM 49 //	2.56						.06					.08	.16				.52	.34				.66	.74			T						T
* * * CENTRAL 02																																
ADDISON DAM 45 //	4.45			T			.02					T	.68				.48	.45			T	.34	2.40	.08			T					T
ALBANY 4 N	4.39			.15								.10	.54				.18	.06				1.05	1.71	.39			T					.21
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARDSTOWN	5.55					.03						.30	1.60				.51	.06				1.05	1.65									.15
BARREN RIVER RESERVOIR	3.89			T			.14					T	.66	T			.27	.18	.01		.03	.59	1.60	.20			T					.21
BERNHEIM FOREST	5.44				.07	.05					T	.18	1.23				.49	.34		.01		1.40	1.61			T						.06
BOWLING GREEN	4.93			T			.21					.05	.87				.65	.21		T	.05	1.00	1.65	.12								.12
BOWLING GREEN FAA AP	4.86		T			.07					T	.70	.20			.22	.62	T		.03	.04	1.82	1.00	T		T					.06	.10
BRADFORDSVILLE	D 5.38											T	1.10				.30	.24			.10	1.18	2.07	.19								D .20
BROWNSVILLE	4.93		T	T			.15					T	.87	T			.50	.34	T	T	T	.47	2.30	.18	T		T					.12
BURKESVILLE 2 W	4.60			.05			.10					.14	.52				.15	.32			T	.82	2.08	.17								.25
CAMPBELLSVILLE 2 SSW	4.65											.35					1.10	T		.10		1.60	1.35	T		T						.15
CANEYVILLE	5.98			.17								.18	1.31				.46	.24				.71	2.81	.07								.03
CECILIA	5.26	T				.10					T		1.08				.81	.04		.02		1.50	1.65	.01		T						.05
EDMONTON	4.44			.10								.10	.51				.19	.25				.78	1.78	.43								.30
GAMALIEL 1 S	4.50						.10			T	T	.14	.53	T			.20	.27	T		T	.86	1.75	.35	.01		.02					.27
GLASGOW	4.11			.20									.75				.25	.30				.81	1.55	.15			T					.10
GLASGOW WKAY	4.41			.12		.12						.24	.55				.54			.03		1.52	.98	.08		T						.23
GLENDALE 1 E	5.74						.05						1.41				.36	.40			.07	.45	2.90	.05			T					.05
GREENSBURG	4.31			.10			.05					.02	.76	T			.17	.30		T	.07	.55	2.00	.11	T		T					.18
GREENSBURG HIWAY 61	3.65			.13			.04					.03	.85				.18	.33			.07	.50	1.23	.12			T					.17
HODGENVILLE-LINCOLN NP	3.05											T	1.08	T			.27	.20		T		1.41	T	T		T						.09
IRVINGTON	4.54			T		.01						.28	.63				.52	.22		T		1.14	1.72	.02		T						T
LEITCHFIELD 2 N	5.98						.10					.02	1.26	.01			.34	.36			.05	.55	3.10	.05			T					.14
LIBERTY	4.05						.07					.12	.68				.17	.33			.04	.58	1.67	.21			.04					.14
LOUISVILLE	4.23	T		T	.35							.30	.47				.74	.23				.95	1.08	.06		T						.05
LOUISVILLE WSO R	4.18	T		.23								.53	.33	T			.83	T		T	T	1.68	.50	.02		T						.06
LOUISVILLE UPPER GAGE	3.57			T	.04								.80				.53	.52				.45	1.18	T			T					.05
MAMMOTH CAVE PARK	5.27		T	.04		.11	.01					T	.90	T			.45	.26		T	.05	1.62	1.62	T	T	T	T					.21
MILLERSTOWN	5.55		T	T			.10				T	T	1.05	T			.39	.39	T	T	.07	.54	2.79	.08	.01		T					.13
MUNFORDVILLE	4.63		T	.01			.10					.02	.96	T			.35	.29		.02	.08	.57	1.94	.13	T		T					.16
NOLIN RIVER RESERVOIR	5.89						.16					T	.84				.38	.31		T	.12	.60	2.30	.15			T					1.03
ROUGH RIVER DAM	5.33			T	T		.05					T	1.63	T			.35	.45			T	.65	2.20	T			T					T
SCOTTSVILLE 3 SSW	5.07			.08		.20							.72				.54			.02		1.98	.85	.34		T						.34
SCOTTSVILLE 2 SW	4.25			.05			.15					T	.58	T			.22	.20				.90	1.60	.30			T					.25
SHEPHERDSVILLE	-												1.45				*	.55				1.05	1.10									-
SUMMER SHADE	4.72					.22						.07	.54				.43	T		.01		1.81	.76	.56		T						.32
WOLF CREEK DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOODBURY LOCK 4	4.75						.14					T	.90				.38	.30				.54	2.29	.10								.10
* * * BLUE GRASS 03																																
BEREA COLLEGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEREA	4.31						T					.08	.76	.01			.14	.31			.03	.42	1.98	.18	.32							.08
CARROLLTON LOCK 1	4.50			T	.28							T	.57	.01	T		.52	.65				.33	1.28	.83			.01					.02
COVINGTON WSO R	3.32			.06							7	.23	.48	T			.85	T		T		.51	.41	.74		.02	T	.02				T
CYNTHIANA	4.39			.01	T							.03	1.21	T	T		.33	.21				.32	2.20	.02	.04		.02					
CYNTHIANA 2	4.42			.04								.03	1.24				.38	.23				.60	1.90				T					
DANVILLE	4.63			T			.01					.02	.86	.01			.19	.22		T	.02	.49	2.50	.18	.02		.01					.10
DIX DAM	4.89			T									1.10	T			.18	.25				.62	2.54	.13		.07						
FALMOUTH 5 WNW	3.15			T	.14							.03	.92	T	T		.16	.58			T	.06	.52	.74	T		T		T			
FARMERS 1 WNW	4.59			T	.05		T					.10	1.08	.03	.02		.10	.30	T		T	.42	2.28	.02	.12	T	.03					.04
FLEMINGSBURG	5.32			T	T		.01					.05	1.47	.02	T		.23	.25				.40	2.22	.25	.42		T					
FLEMINGSBURG 1 SW	5.00			T	.01	.03						.06	1.46				.32					1.33	1.33	.39		T						.07
FORD LOCK 10	5.19			.08	T	T	T					.12	.84	T	T	T	.28	.36	T		T	.29	2.75	.30	T		.06					.11
FRANKFORT LOCK 4	4.56			T	.12	T	.01					T	1.28	T			.30	.18				.35	2.32		T		T					T
GEORGETOWN WATER WORKS	5.02												1.86				.32						2.70	.02								.12
GEST LOCK 3	4.35			.03	T							.02	1.08	T	T		.35	.91				.38	1.55	.03	T							T
HIGH BRIDGE LOCK 7	5.17						T					.03	1.13	T			.20	.28			T	.39	2.86	.10	.03		T					.15
KEENE 1 SSW	6.06				.20							.14	1.44			.04	.24	.43					3.34	.09								.14
LA GRANGE 1 ESE	3.62			.02	.03	T					T	.13	.80				.99	.07	T			.79	.72			T	T					.07
LANCASTER	5.11			.10								.09	.84				.27	.34				.59	2.40	.23	.09							.16
LEXINGTON WSO R	5.51			.02		.02					T	.80	.88	T			.60	.03		.01	T	2.07	1.00	.04		.01						.03
LITTLE HICKMAN LOCK 8	5.11				.04							.07	.80				.24	.38				.54	2.45	.15	.16							.28
LOCKPORT LOCK 2	3.87			.03									.93	T			.39	.64				.41	1.47	T			T					T
MAYSVILLE SEWAGE PLANT	4.18	T	T	.11	.15		T					.02	1.15	T	.02		.25	.40				.19	1.50	.29	.10		T					
MIDWAY	5.54			.02	.05							T	1.90	.01			.32	.35				.49	2.30	.07								.03
MOUNT STERLING	5.11				.04	.01						.27	1.00	T			.44	T		T		1.47	1.58	T		.11						.19
OWENTON	4.32			.04			T					T	1.04	T			.42	1.10	T			.50	1.15	.05								T
RICHMOND	6.34			.07	.02							.10	.72	.03			.22	.30	.04		.04	1.00	2.39	.83	.18	T	.10					.30
SALVISA LOCK 6	6.31				.17		.05					.04	1.5[illegible]	.06	T		.29	.51			T	.62	2.78	.16			T	T				.11
SHELBYVILLE	4.52			.06	.13							T	1.17				.39	.40				.41	1.96	T	T		T					T
SPRINGFIELD	5.54				.21							T	1.1[illegible]				.21	.31				.62	2.90	T								.13
TAYLORSVILLE	5.20						.06					T	1.35				.33	.47			T	.46	2.47				T					.06
TYRONE LOCK 5	5.88			.05			.06					.05	2.08	T			.35	.32		T	T	.51	2.42	T	T		T					.04
VALLEY VIEW LOCK 9	4.64			T	T		T					T	.85	T	T		.20	.23	T		T	.43	2.57	.23	T		.01					.12
WARSAW MARKLAND DAM	3.42			T	.17							T	.64	T	T		.38	.70			T	.10	1.06	.32	T		T					.05

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

KENTUCKY
DECEMBER 1970

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.70											T	.62				.16	.36	T			.70	1.56	.15		T						.15
WILLIAMSTOWN 3 NW	4.88		T	.09	.09	T						.41	.75	.01	.01		.53	.72		T		.62	.84	.80	.01	T		T				T
* * *																																
EASTERN 04																																
ASHLAND	4.39		T	T	.24		T				T	.09	1.36				.11	.20				.02	2.03	.22	.11		.01					
BARBOURVILLE	4.07			.01			T						.93				.02	.13				.60	2.00	.28	T		T					.10
BAXTER	4.30			T			T						1.03				T	.19		.01		.68	1.73	.54	.05		.07					T
BLAINE	3.64				.14							.11	.87				.07					.43	1.73	.19			.10					
BUCKHORN	3.22			.05	T		T					T	.65	T			.10	.15	T	T	T	.30	1.35	.55	T		T					.07
BURDINE 2 NE	3.36							T				T	.80				T	.15				.60	1.20	.20	.11		.05					.25
CLAY CITY 1 WNW	4.68			T	.05							.05	.85				.15	.28		.05		.45	2.30	.25	.10		.05					.10
COLLEGE HILL LOCK 11	4.35			.03	T		T					T	.78	T			.13	.23	T		T	.69	2.03	.24	.14		T					.08
CUMBERLAND	4.87					.10							.80				.05	.65		.25		1.60	.40	.16			.06					.80
CUMBERLAND FALLS ST PK	3.88		T		T	.15						.05	.54				.07	.09		T		1.55	.65			T						.78
DEWEY DAM	2.33			.05	.05							T	.75	T	T				.02	.02		.05	1.08	.20	.03		.05					.03
ELKHORN CITY	2.17			T									.65	T			.03		.01	.01		*	*	*	*	*	*	1.47				T
FISHTRAP RESERVOIR	2.20			T	T								.49	.05			.04	.04		T	T	.21	.85	.40	T		.12					T
FREEBURN 2 SW	2.93				.05	.01							.30	.34			.07	.09		.03	.05	.05	1.24	.33	.29		.08					T
FRENCHBURG	5.47				.10								.40	.30			.20	.30				1.40	1.85	.60			.15					.17
GRAYSON 5 SE	4.32			T	.05							.05	1.24	T	T		.08	.36	T			T	2.01	.26	.20		.07					T
GRAYSON RESERVOIR	4.10			.07	.03							.04	1.19	T			.09	.44	T			.13	1.80	.16			.15					T
HAZARD WATER WORKS	3.90			.07									.73				.08	.57	.28			.34	1.00	.55	.28							
HEIDELBERG LOCK 14	3.39			.10	T		T					T	.88	T			.05	.15	T	T	T	.27	1.43	.12	.32		.05					.02
HINDMAN 11 NNE	4.01			T									.90							T		.75	.95			.03	.08					1.30
HYDEN	3.85			.03									.83	T			.07	.19		T	.12	.34	1.57	.40	.21		.06					.03
JACKSON	4.13			.08	.08		T					T	.74	.07			.05	.30		.05	T	.29	1.45	.18	.70		.08					.06
JEREMIAH	3.69											T	.66				T	.12		.02		1.43	.58	.18			T					.70
LLOYD GREENUP DAM	3.72											T	1.04	.01			T	.49				T	1.62	.36	.20		T					
LONDON FAA AP	3.90			T		.02				T		.06	.52	T		T	.22	T		.02	T	1.41	.52	.29		.08	T				T	.76
LOUISA 2	3.63			T	.25								.88	T			.02	.27		T	T	T	1.85	.29	.05		T					.02
MANCHESTER 4 SE	3.61				.07								.60				.05	.17				.49	1.53	.38	.25		T					.07
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC KEE	4.27			.10	.03		T					.12	.95				.12	.24		T	.03	.42	1.60	.42	.09		.02					.13
MIDDLESBORO	3.42			.01			T						1.09				.08	.09		T		.83	.69	.45	.13		.01					.04
MONTICELLO	3.82			.13	.02							.04	.59				.14	.17		T		.37	1.93	.24			.06					.13
MOUNT VERNON	3.94			T		.06						.26	.65	.06			.13	.27		.05		1.03	.97	.16		.05						.25
ONEIDA	3.26			.08									.70				.08	.18				.44	1.48	.19			.03					.08
PAINTSVILLE 1 S	2.53		T		T								.63	T				.19				.14	1.20	.23			.14					
PIKEVILLE	4.00			.10	.04	T						.08	.56				.05	.12		.02		.80	.83	.25		.26	T					.89
PINEVILLE 4 NW	4.05			.04			T						.83	T			.05	.12	T	.01	T	.68	1.75	.36	T		.02					.19
RAVENNA LOCK 12	3.63						T					T	.68	T			.06	.36	T	T	T	.25	1.88	.17	.05		T					.18
SALYERSVILLE 2 SE	2.90			.10									.80				.03		.09			.11	1.34	.20			.20					.03
SOMERSET 2 N	4.36			.08		.07						.12	.65		T		.38	.06		.02	.01	1.20	.91	.52		.09						.25
STEARNS 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TILFORD	2.98												.60									1.94									T	.44
TOMAHAWK 1 WSW	3.20			.05	.05							T	.83	.03			.06	.17	T	.10		.09	1.39	.10	.23		.05			.02		.03
VANCEBURG	D 3.61	.03		.06								.14					.31	.38				1.00	1.12	.20	.23	.010	.07					D .06
WEST LIBERTY	4.34			T			T					T	.97	T			.12	.38	.03	.02		.28	2.04	.30	.05		.15		T			T
WILLIAMSBURG 1 E	3.59												1.06				.06	.09				.59	1.53	.26								
WILLOW LOCK 13	3.38			T			T					T	.71	.01			.05	.17	.01	.02	.01	.38	1.42	.16	.27		.05					.12

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	24	5.0	10.7	32++	22	01	66	73	62	63	6	3	3	3	0	0	15	-	7.1
LEXINGTON WSO	23	4.9	10.0	25++	22	03	74	81	64	71	3	7	0	3	1	1	15	-	7.0
LOUISVILLE WSO	25	3.6	9.3	34	W	03	72	79	63	65	6	2	2	3	1	0	14	43	7.0

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	69	67	73	68	47	46	44	55	63	69	62	45	44	52	52	48	41	55	58	45	46	60	63	39	35	37	39	42	44	39	41	51.2
	MIN	59	47	55	32	26	20	18	24	43	40	44	32	26	20	30	39	37	31	39	30	33	45	38	19	23	15	20	22	26	22	31	31.8
BEAVER DAM	MAX	70	68	73	72	43	43	38	56	63	60	64	58	38	51	52	54	45	59	58	44	48	60	65	40	35	35	37	38	45	40	38	51.3
	MIN	60	46	56	39	24	21	13	23	43	33	50	33	32	20	26	39	36	31	40	31	37	45	38	20	22	11	20	13	26	17	30	31.5
FORDS FERRY DAM 50	MAX	68	69	72	58	47	36	41	57	64	65	62	38	41	52	53	49	41	59	58	40	52	62	62	36	35	37	37	38	41	36	40	49.9
	MIN	58	48	47	34	31	23	19	29	41	39	37	32	27	25	31	38	32	29	35	30	37	35	26	19	19	15	22	19	25	24	31	30.9
GILBERTSVILLE KY DAM	MAX	66	66	72	71							62	54	44	53	54	56	44	57	61	45	45	60	63	42	39	35	43	43	47	45	44	52.4
	MIN	53	48	52	40	38	24	20	30	44	44	50	34	30	28	37	40	38	37	40	32	38	45	42	21	29	18	25	21	27	25	31	34.9
GOLDEN POND 8 N	MAX	75	68	68	72	51	44	35	43	57	62	70	62	37	41	60	55	50	45	60	65	49	62	66	69	40	37	37	42	45	49	41	53.5
	MIN	52	52	51	40	33	25	21	26	31	43	48	33	31	25	28	34	38	33	38	33	32	35	54	20	22	15	17	23	24	26	28	32.6
GREENVILLE 2 W	MAX	69	68	73	70	48	45	41	57	63	66	63	57	42	52	50	54	44	59	58	42	48	61	66	38	35		38	38	44	41	38	52.3
	MIN	60	48	62	39	25	21	11	24	45	38	52	33	32	20		39	36	30	40	31	38	45	37	18	23	10		15	26	18	30	32.6
HENDERSON 7 SSW	MAX	67	67	72	67	46	39	38	56	63	60	60	42	40	51	49	47	41	58	57	39	44	55	60	33	32	36	35	36	42	35	41	48.6
	MIN	60	39	56	37	31	21	17	26	42	35	42	33	32	27	30	39	36	33	38	30	36	42	32	20	24	15	21	15	24	21	29	31.7
HICKMAN 1 E	MAX	74	69	72	69	50	45	44	58	62	70	61	51	44	51	52	48	42	56	60	43	46	62	64	40	36	36	41	41	46	43	50	52.5
	MIN	51	50	57	39	29	27	19	27	39	43	51	32	26	21	30	39	34	30	43	32	40	42	40	23	22	14	25	24	32	34	25	33.5
HOPKINSVILLE	MAX	73	69	70	74	53	44	31	40	58	62	69	64	37	42	52	49	53	40	59	60	52	62	62	67	36	35	36	41	40	49	39	52.2
	MIN	55	54	55	39	29	24	19	19	25	43	46	34	30	23	23	31	37	31	31	33	33	45	54	20	20	14	14	20	20	24	25	31.3
LOVELACEVILLE	MAX	69	69	72	67	47	43	46	57	64	70	61	57	44	54	53	47	43	56	58	45	47	58	65	40	37	37	41	43	46	46	43	52.4
	MIN	60	48	57	31	27	23		25	40	47	52	32	28	20	27	39	38	29	44	31	39	45	40	18	22	12	24	20	26	20	31	33.2
MADISONVILLE 1 SE	MAX	69	69	73	70	45	43	41	56	63	64	62	49	41	52	52	54	43	59	58	42	47	60	63	37	34	36	38	39	44	38	40	51.0
	MIN	58	48	55	40	26	22	17	25	45	38	48	33	33	22	31	39	37	30	41	30	38	45	37	20	24	15	24	15	25	20	30	32.6
MAYFIELD RADIO WNGO	MAX	70		73	68		39	45	58	63	72	65	54	44	52	55	47	42	52	54	45	46	59	63	37	33	37	37	44	46	41	40	51.1
	MIN	59		57	32		24	18	26	44	46	52	34	33	19	27	38	30	28	44	36	34	46	37	17	21	11	19	18	27	19	29	31.9
MURRAY	MAX	67	70	72	67	45	40	42	56	61	69	62	43	42	49	52	51	41	57	59	43	60	62	66	36	35	34	41	43	46	38	40	51.3
	MIN	58	54	57	39	32	25	20	26	43	43	43	32	29	25	31	39	35	30	38	33	39	54	33	22	22	14	24	22	29	24	31	33.7
OWENSBORO 2 W	MAX	67	72	72	68	46	42	40	56	63	60	60	47	38	53	55	51	43	58	55	48	45	54	61	35	33	35	36	38	44	37	40	50.1
	MIN	56	42	54	40	30	22	18	27	39	37	41	34	33	25	30	39	37	34	39	30	37	42	34	18	26	15	19	17	24	21	30	31.9
PADUCAH FAA AIRPORT	MAX	69	67	72	56	47	37	45	57	63	69	61	38	44	52	52	47	41	56	59	45	53	63	63	38	33	36	39	41	44	37	42	50.5
	MIN	57	50	56	35	33	24	20	30	42	39	36	33	28	27	28	39	32	30	36	31	37	51	26	20	18	16	23	19	24	21	31	32.0
PADUCAH SEWAGE PLANT	MAX	75	70	67	74	52	48	37	43	58	65	70	62	38	44	53	57	49	41	58	58	45	54	64	61	38	35	37	40	41	46	38	52.2
	MIN	55	49	49	40	33	26	23	23	27	42	47	32	29	22	23	30	39	31	33	31	31	40	50	22	21	16	18	23	23	24	28	31.6
PRINCETON 1 SE	MAX	68	67	72	70	45	43	42	56	63	67	66	59	42	51	51	51	42	57	58	43	46	60	63	39	37	36	40	42	44	39	40	51.6
	MIN	59	47	57	36	29	21	15	27	35	40	43	32	30	20	30	39	37	31	41	31	37	38	39	18	26	14	23	17	25	18	30	31.8
ROCHESTER LOCK 3	MAX	72	69	70	73	47	42	33	40	56	64	66	65	38	39	50	50	53	40	59	59	43	61	62	66	36	35	35	38	37	46	39	51.1
	MIN	61	48	49	43	26	22	17	17	29	35	39	36	33	22	22	27	29	31	28	32	32	42	51	22	22	15	16	17	17	19	20	29.6
RUSSELLVILLE	MAX	73	69	70	73	51	48	35	40	56	60	68	65	37	40	49	50	54	40	58	61	55	63	63	69	36	35	35	41	41	47	41	52.4
	MIN	58	57	58	40	25	22	15	15	30	49	48	35	33	20	22	33	36	31	33	33	34	50	56	19	18	12	13	14	14	19	24	31.2
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN	MAX	71	67	73	69	42	42	37	56	61	59	65	55	37	47	51	55	48	57	58	46	48	60	68	45	31	32	37	35	42	40	34	50.6
	MIN	57	46	49	39	23	19	12	23	40	33	46	34	27	21	26	38	35	32	44	30	37	44	45	18	21	10	22	10	20	14	26	30.4
BARREN RIVER RESERVOIR	MAX	73	72	71	73	51	50	35	40	57	60	68	67	39	39	49	50	56	40	59	63	58	64	63	69	38	36	34	40	40	48	43	53.1
	MIN	53	55	55	45	26	22	16	19	27	44	46	38	35	19	19	28	37	33	33	35	36	53	55	20	19	13	13	15	15	18	19	31.0
BERNHEIM FOREST	MAX	70	68	72	71	44	41	37	56	60	60	64	57	37	49	52	53	52	56	57	45	45	56	68	53	35	33	36	36	43	42	36	51.1
	MIN	56	44	45	38	23	18	11	21	44	35	44	36	33	21	24	38	35	32	44	29	36	43	50	16	20	9	19	8	17	13	26	29.9
BOWLING GREEN FAA AP	MAX	69	70	73	63	47	36	39	55	59	68	67	46	39	49	49	55	40	56	61	43	62	63	69	38	37	34	39	37	46	42	36	51.2
	MIN	58	53	58	30	26	23	19	21	39	41	43	35	25	20	26	39	37	28	36	35	39	55	29	21	19	14	19	18	25	20	23	31.4
BRADFORDSVILLE	MAX	71	70	71	72	46	45	34	53	60	61	63	64	40	43	48	50	56	56	59	58	55	61	64	69	42	38	37	39	43	46	44	53.5
	MIN	55	50	49	43	21	19	10	23	39	32	42	37	34	18	22	40	31	31	48	30	41	45	53	18	19	9	21	9	23	13	20	30.5
CAMPBELLSVILLE 2 SSW	MAX	70	70	72	68	56	40	37	56	60	62	64	56	48	44	49	55	47	56	56	40	57	60	67	51	39	35	36	39	40	40	44	52.1
	MIN	56	52	55	30	25	19	14	25	39	35	52	35	33	22	26	38	35	32	35	30	38	50	45	20	24	11	26	12	26	18	28	31.8
CECILIA	MAX	70	68	71	68	41	38	48	55	61	58	64	55	47	52	50	53	48	57	50	40	48	58	67	38	34	34	37	35	42	38	35	50.3
	MIN	55	48	51	39	25	19	13	20	45	32	44	34	33	20	25	37	35	31	39	31	36	45	38	18	17	11	17	12	23	17	27	30.2
GLASGOW WKAY	MAX	69	68	70	68	46	38	39	56	58	64	64	56	38	48	44	56	42	56	60	41	58	62	69	39	35	32	39	40	46	42	36	50.9
	MIN	54	49	58	36	27	22	16	23	40	40	46	35	33	20	25	40	36	30	41	34	39	54	39	20	22	10	18	14	29	18	29	32.2
GREENSBURG	MAX	70	71	71	72	50	42	36	42	57	60	62	65	40	39	49	51	57	40	58	59	46	64	62	70	39	39	34	40	40	48	44	52.2
	MIN	49	51	50	43	26	23	15	16	22	35	40	39	35	20	20	25	37	29	30	33	34	44	54	22	22	13	14	15	14	18	19	29.3
HODGENVILLE-LINCOLN NP	MAX	70	68	71	69	42	41	37	56	61	58	64	60	37	48	49	54	51	56	57	45	49	57	68	48	35	32	37	36	42	41	38	50.9
	MIN	55	51	53	40	27	19	13	24	36	33	49	34	32	22	27	39	35	30	45	32	36	47	48	18	22	11	20	12	24	16	27	31.5
IRVINGTON	MAX	69	68	72	70	45	39	37	55	60	58	62	57	37	49	51	52	52	56	56	55	46	56	64	45	35	30	35	35	42	42	36	50.5
	MIN	58	46	47	38	23	17	12	22	42	31	45	34	32	19	23	38	35	32	52	30	36	45	44	17	20	10	20	10	20	14	22	30.1
LEITCHFIELD 2 N	MAX	70	70	73	69	43	37	38	55	62	60	64	55	37	49	51	54	44	57	57	42	48	59	68	36	35	34	36	37	46	39	35	50.3
	MIN	46	43	49	32	24	22	14	22	40	33	43	34	34	22	24	39	36	28	39	32	36	46	35	19	22	12	23	13	25	16	29	30.1
LOUISVILLE	MAX	71	71	71	71	44	42	36	54	60	60	63	60	39	51	53	55	55	55	59	45	43	59	65	47	35	34	34	34	42	42	36	51.2
	MIN	61	46	52	35	32	19	22	29	45	41	50	35	33	28	31	38	36	36	45	31	41	41	47	22	25	15	24	15	22	21	28	33.7
LOUISVILLE WSO	MAX	70	65	72	60	43	35	36	54	61	56	63	47	38	48	50	51	43	57	57	39	44	58	65	33	35	34	33	35	40	36	35	48.2
	MIN	56	44	48	32	28	20	18	25	44	38	47	36	29	25	26	39	37	34	36	32	38	43	28	21	17	14	20	15	21	19	28	30.9
MAMMOTH CAVE PARK	MAX	70	69	73	68	44	41	39	56	60	64	65	57	37	48	49	53	47	57	58	56	57	59	67	44	36	32	39	39	45	44	39	52.0
	MIN	56	52	55	40	24	20	12	22	40	37	50	32	32	18	25	37	34	29	54	31	41	50	44	15	21	8	17	11	26	16	28	31.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	70	70	70	74	48	43	35	39	56	58	63	65	48	37	50	50	54	39	57	58	46	61	63	68	37	36	34	40	39	46	41	51.5
	MIN	48	53	53	43	25	21	14	16	28	33	39	37	33	20	22	26	34	30	35	32	37	44	50	18	18	11	10	9	19	14	20	28.8
ROUGH RIVER DAM	MAX	69	69	70	73	45	43	34	40	56	62	60	62	37	37	50	54	53	39	58	57	44	60	61	65	37	35	35	37	38	45	40	50.5
	MIN	50	46	46	40	27	19	14	13	30	33	35	34	32	22	22	26	35	31	32	30	30	38	49	17	17	10	11	12	12	16	19	27.4
SCOTTSVILLE 3 SSW	MAX	71	71	71	68	54	40	38	56	58	67	66	62	39	48	49	55	43	57	62	44	57	62	70	45	36	38	40	40	45	43	39	52.7
	MIN	56	56	58	42	31	22	18	27	42	49	52	35	33	23	32	36	38	30	44	34	39	54	45	20	24	11	18	18	32	21	29	34.5
SUMMER SHADE	MAX	70	70	70	67	50	40	40	56	57	66	66	58	39	47	47	56	42	56	62	46	58	64	69	39	37	31	39	39	47	43	37	51.9
	MIN	52	48	56	34	27	20	15	23	42	40	50	35	34	20	26	40	36	28	45	34	35	54	39	20	22	10	20	15	26	19	26	32.0
WOLF CREEK DAM	MAX																																
	MIN																																
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	70	69	76	70	52	44	40	55	65	64	63	61	37	45	49	58	58	55	58	55	57	61	69		42	37	37	36	48	47	35	53.8
	MIN	57	54	50	39	25	19	14	14	44	40	53	35	33	25	28	40	35	31	41	32	32	46		21	19	10	19	13	24	17	27	31.2
CARROLLTON LOCK 1	MAX	70	67	71	70	43	44	36	55	60	60	61	58	38	49	50	50	50	52	58	45	39	58	65	53	36	34	33	35	39	39	34	50.1
	MIN	58	42	36	37	25	18	13	25	35	32	44	37	33	25	23	37	36	36	44	32	33	37	47	18	21	10	22	10	14	15	26	29.7
COVINGTON WSO	MAX	70	66	69	59	42	30	35	55	59	54	61	57	38	47	48	49	44	55	56	39	38	54	62	31	33	32	31	33	38	35	33	46.9
	MIN	57	35	45	31	29	18	15	28	38	36	50	38	29	25	26	38	36	37	36	32	35	37	26	19	14	9	14	11	18	17	24	29.1
CYNTHIANA 2	MAX	66	72	67	70	44	40	30	36	56	59	56	64	43	36	46	49	49	38	55	60	40	61	60	58	35	36	30	30	37	40	36	48.4
	MIN	50	42	37	38	20	17	11	12	30	30	34	42	32	24	20	20	35	35	36	30	31	36	38	17	12	9	10	8	9	10	11	25.4
DANVILLE	MAX	69	69	67	70	45	46	31	35	54	59	61	62	43	36	46	47	56	37	57	58	40	54	60	68	40	37	30	35	34	41	40	49.3
	MIN	52	54	51	42	24	17	14	15	31	37	37	42	33	23	24	29	35	35	35	32	32	39	53	20	20	10	10	12	12	17	17	29.2
DIX DAM	MAX	70	69	70	69	44	41	36	57	60	60	63	62	36	47	48	55	55		56	39	45	60	62	58	37	31	35	36	41	41	29	50.4
	MIN	55	55	49	41	26	18	13	26	39	35	50	35	34	24	27	36	34	32		32	36	43	52	18	24	9	21	13	22	17	25	31.4
FALMOUTH 5 WNW	MAX	69	67	70	67	43	39	36	55	58	57	62	56	37	42	49	50	48	50	58	40	37	59	65	38	35	32	30	35	40	35	32	48.1
	MIN	52	39	33	34	19	16	8	18	41	27	45	35	32	19	16	28	34	34	40	29	31	31	38	18	14	6	21	5	8	6	25	25.9
FARMERS 1 WNW	MAX	72	68	70	69	43	42	36	58	58	61	60	58	38	46	49	54	50	52	58	48	42	58	69	56	38	30	32	35	39	37	33	50.3
	MIN	48	45	40	37	22	19	11	22	32	35	38	37	34	24	22	35	36	38	40	33	36	40	48	21	22	9	19	8	15	12	26	29.2
FLEMINGSBURG 1 SW	MAX	70	67	69	67	41	38	36	54	57	55	61	59	37	45	48	49	49	51	58	42	40	55	66	44	35	26	30	32	38	35	32	47.9
	MIN	51	44	40	35	22	17	27	21	36	32	47	36	32	23	22	34	35	35	41	29	34	38	44	19	20	5	23	8	16	13	25	29.2
FRANKFORT LOCK 4	MAX	71	66	66	74	44	42	35	37	57	62	62	64	44	32	51	52	54	43	57	59	45	49	60	68	36	36	35	33	33	36	39	49.7
	MIN	48	46	46	44	26	19	14	15	29	29	36	43	32	24	24	25	37	36	37	32	34	35	35	21	20	11	12	12	13	15	16	27.9
LEXINGTON WSO	MAX	70	64	70	62	40	32	33	53	58	60	63	55	35	45	48	51	42	53	59	39	48	56	68	33	35	29	32	33	38	37	30	47.5
	MIN	57	47	49	28	26	16	11	26	37	34	50	34	27	22	26	39	34	35	35	31	37	48	27	18	16	8	16	14	20	15	20	29.1
MAYSVILLE SEWAGE PLANT	MAX	64	71	65	68	42	44	28	36	56	59	57	63	48	37	46	48	49	39	57	60	40	45	60	66	34	36	30	30	33	40	36	48.0
	MIN	49	43	35	36	25	19	12	18	26	34	35	47	35	26	23	22	37	36	36	31	30	35	44	20	18	9	10	11	10	12	16	27.1
MOUNT STERLING	MAX	70	67	68	67	42	41	34	55	59	60	62	59	38	45	48	51	50	52	60	55	47	57	68	65	35	32	33	32	37	36	34	50.3
	MIN	52	49	46	37	24	12	13	24	40	37	50	36	33	24	25	37	35	35	45	40	31	40	50	19	22	8	21	12	19	16	25	30.9
OWENTON	MAX	64	68	67	68	49	42	29	37	54	58	60	62	41	44	46	51	51	37	55	56	41	52	57	54	43	33	31	31	35	40	35	48.1
	MIN	59	48	49	48	30	15	15	17	32	38	39	40	35	24	27	29	36	36	36	28	30	41	52	19	21	10	11	14	16	19	21	30.2
RICHMOND	MAX	69	70	67	69	47	43	32	34	57	59	62	61	42	36	48	48	54	37	55	57	54	59	60	69	42	37	31	37	35	40	37	49.9
	MIN	52	51	51	42	27	16	13	18	31	40	41	41	33	23	26	31	36	33	36	34	34	39	53	18	23	8	19	11	22	17	25	30.5
SHELBYVILLE	MAX	66	69	66	70	44	41	30	35	55	60	59	62	40	36	48	51	54	38	55	58	40	54	59	66	33	35	32	33	36	41	37	48.5
	MIN	50	40	39	40	25	17	13	14	27	32	35	38	33	23	22	26	35	35	35	30	30	36	50	18	18	10	10	11	11	17	12	26.8
WARSAW MARKLAND DAM	MAX	72	71	67	71	43	43	29	37	55	59	55	61	42	36	48	52	50	40	58	57	40	41	58	63	33	34	33	32	36	41	35	48.1
	MIN	41	42	38	42	25	20	13	12	26	30	30	40	33	22	20	24	35	35	35	32	29	32	40	20	20	14	16	11	8	8	12	26.0
WAYNESBURG 7 NE	MAX	69	68	69	65	45	39	36	54	57	60	61	60	45	44	48	56	52	54	57	53	58	61	66	61	36	27	35	34	41	40	36	51.2
	MIN	54	52	54	35	25	18	13	25	39	38	49	34	32	21	26	38	34	29	46	30	36	48	47	17	21	5	19	13	15	20	26	30.9
WILLIAMSTOWN 3 NW	MAX	68	65	68	68	42	38	34	55	57	57	62	56	37	46	47	50	48	50	57	42	37	57	63	44	34	30	30	35	39	34	31	47.8
	MIN	55	46	45	32	25	14	10	25	42	35	48	34	31	23	26	36	33	33	40	27	32	35	43	16	20	7	20	10	17	15	24	29.0
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	64	72	68	69	48	45	39	36	57	59	55	61	56	39	47	46	55	41	59	63	43	43	62	69	36	39	30	32	34	34	35	49.5
	MIN	45	44	35	43	26	21	20	22	28	32	34	46	35	25	21	21	39	37	37	32	32	36	42	24	19	10	10	10	10	12	15	27.8
BARBOURVILLE	MAX	72	71	70	71	55	54	35	39	60	57	64	65	55	39	48	50	60	40	62	60	47	63	59	70	41	45	31	40	40	45	46	53.4
	MIN	45	45	47	49	21	22	12	12	21	48	39	55	36	23	22	22	39	27	27	37	37	45	50	25	24	12	11	13	13	16	16	29.4
BAXTER	MAX	71	68	70	70	54	48	35	39	56	54	61	59	57	38	46	47	56	41	55	53	50	62	61	66	41	41	29	37	38	40	41	51.1
	MIN	43	42	48	45	23	23	14	14	20	27	37	43	36	27	21	21	40	28	28	39	39	45	51	27	24	15	11	13	13	16	17	28.7
BLAINE	MAX	71	72	70	70	47	48	33	38	58	59	63	62	57	36	47	47	57	40	54	63	45	56	61	70	38	38	28	34	35	36	38	50.7
	MIN	39	42	35	42	18	20	15	19	24	30	33	43	36	22	18	18	40	36	36	30	30	36	47	22	18	9	7	6	6	7	7	25.5
CUMBERLAND	MAX	70	68	70	66	51	51	40	55	56	61	60	59	46	46	48	56	57	57	57	55	58	63	66	64	44	37	37	39	42	43	42	53.7
	MIN	43	48	40	43	17	23	7	14	28	47	38	42	33	22	18	25	35	23	45	38	40	52	48	23	32	8	22	10	19	12	32	29.9
DEWEY DAM	MAX	66	70	64	68	55	50	35	32	55	58	60	61	56	38	45	52	57	42	53	60	48	58	58	65	40	40	30	33	32	32	37	50.0
	MIN	41	43	40	40	25	28	14	14	22	34	38	35	37	25	22	22	40	37	35	31	32	40	45	25	20	12	10	11	12	12	13	27.6
GRAYSON 5 SE	MAX	68	73	70	70	47	46	32	37	57	58	59	60	57	37	47	47	57	41	59	63	45	46	60	69	36	38	28	32	36	36	36	49.9
	MIN	42	44	35	42	21	20	16	18	22	30	33	45	36	22	19	19	39	36	37	31	32	36	45	23	18	7	10	7	7	8	8	26.1
HEIDELBERG LOCK 14	MAX	72	72	72	72	49	44	35	57	59	62	62	62	41	48	48	60	60	55	59	57	49	62	70	69	39	33	38	37	41	42	39	53.7
	MIN	44	47	44	41	20	22	10	19	25	32	38	40	36	21	20	32	38	36	38	30	38	47	59	22	21	10	22	9	20	12	28	29.7
HINDMAN 11 NNE	MAX	69	70	71	69	53	47	45	55	60	62	64	62	58	57	48	58	50	52	62	50	61	63	64	60	42	34	35	30	38	37	36	53.6
	MIN	41	38	39	36	20	14	11	18	30	30	32	33	34	24	20	30	29	34	36	34	35	34	30	25	26	10	17	10	17	12	10	26.1
HYDEN	MAX	71	71	67	70	51	52			54	56	62	62	56	36	43	48	59	40	56	59	45	59	60	66	36	41	30	35	33	42	40	51.7
	MIN	44	44	43	46	21	21	13			29	39	41	36	26	21	21	40	29	29	37	37	42	49	27	23	8	8	11	11	15	15	28.5
JACKSON	MAX	73	73	73	71	53	50	37	38	59	58	65	62	57	38	50	48	62	42	58	65	46	59	59	69	41	41	31	39	38	43	42	52.9
	MIN	46	47	43	48	23	23	13	14	24	34	37	43	36	25	23	23	39	35	34	36	35	39	51	25	23	13	12	12	13	16	15	29.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	70	67	70	65	46	31	34	56	56	62	63	56	36	45	47	58	41	55	58	41	57	62	67	36	38	27	34	33	44	40	31	49.2
	MIN	52	47	50	26	22	18	13	22	28	48	49	34	30	22	23	39	36	27	37	33	40	51	32	22	18	7	16	12	23	17	20	29.5
MANCHESTER 4 SE	MAX	72	70	71	69	51	42	37	59	58	65	64	60	40	47	50	61	58	57	60	59	58	63	68	66	40	32	37	37	44	42	38	54.0
	MIN	45	47	44	42	20	19	11	18	23	47	38	39	36	21	20	34	38	27	39	36	40	54	49	25	23	9	18	11	21	14	29	30.2
MC KEE	MAX	70	70	59	70	45	46	31	35	57	57	60	61	47	36	46	46	57	38	55	57	41	60	58	67	37	32	29	36	36	42	37	49.0
	MIN	44	46	43	44	19	20	9	9	20	31	32	46	35	21	19	20	35	30	30	30	30	39	54	23	20	6	6	7	7	12	12	25.8
MIDDLESBORO	MAX	70	68	71	69	53	53	42	40	54	63	62	59	58	39	48	49	57	40	54	55	49	61	61	67	42	40	31	38	40	44	44	52.3
	MIN	45	46	47	49	23	23	14	14	24	43	41	53	37	23	21	22	39	28	28	39	39	45	53	25	24	13	11	14	13	16	17	30.0
MONTICELLO	MAX	73	70	72	68	52	45	40	60	58	65	68	62	39	49	50	58	46	61	60	50	58	65	69	49	41	31	39	39	46	44	38	53.7
	MIN	53	51	52	39	25	22	13	22	41	50	50	36	34	20	23	40	36	26	45	35	41	54	49	23	23	9	23	13	25	16	28	32.8
MOUNT VERNON	MAX	72	69	71	65	46	40	38	57	58	62	61	60	36	46	47	60	56	56	57	56	57	60	67	64	38	28	37	36	47	40	37	52.4
	MIN	55	52	50	38	24	19	10	25	41	37	52	35	33	24	23	38	35	28	50	30	39	50	56	21	21	7	23	10	23	15	22	31.8
PIKEVILLE	MAX	74	72	73	65	52	47	36	59	58	67	62	61	45	51	48	59	54	52	65	58	55	63	71	55	42	32	38	38	38	40	34	53.7
	MIN	44	49	42	37	24	27	15	24	29	42	39	44	38	28	23	23	39	32	39	39	40	50	49	29	24	15	22	15	19	15	30	31.8
SOMERSET 2 N	MAX	71	68	71	68	47	42	40	57	59	63	65	59	38	48	49	57	48	56	59	59	58	61	67	50	40	28	35	39	48	42	35	52.5
	MIN	39	47	48	37	23	21	14	19	23	26	52	35	34	19	22	39	35	26	48	32	40	53	50	22	25	9	22	9	22	15	28	30.1
STEARNS 1 W	MAX																																
	MIN																																
TOMAHAWK 1 WSW	MAX	70	72	68	70	51	50	34	35	55	58	62	62	56	39	46	48	58	42	46	62	46	58	59	68	47				41	38	38	52.8
	MIN	40	40	35	42	20	22	14	18	21	27	34	42	36	23	20	20	40	36	33	30	31	38	45	24	20				8	9	9	27.8
VANCEBURG	MAX	73	80	70	70	45	42	37	58	59	58	64	62	59	54	47	63	49	53	62	46	49	60	70	64	32	32	30	34	39	37	33	52.6
	MIN	45	44	43	36	21	19	18	20	30	31	37	36	33	28	22	28	38	36	43	31	32	37	42	20	18	8	23	7	10	11	27	28.2
WEST LIBERTY	MAX	70	74	71	71	47	46	33	37	58	60	65	60	53	36	46	48	48	40	58	60	45	59	60	69	37	38	34	30	35	38	38	50.5
	MIN	44	46	40	45	20	20	10	10	22	30	30	42	35	23	21	21	39	35	35	34	34	39	53	23	22	8	8	7	7	10	10	26.5
WILLIAMSBURG 1 E	MAX	73	71	73	69	56	44	41	58	58	64	65	59	39	48	49	60	53	59	61	59	63	66	71	67	42	33	40	40	47	46	41	55.3
	MIN	55	55	52	42	24	22	13	25	41	49	53	35	35	22	23	40	37	27	34	35	42	56	54	23	25	10	23	14	25	18	28	33.5

DAILY SOIL TEMPERATURES

KENTUCKY
DECEMBER 1970

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	54	54	54	55	51	45	43	41	44	45	49	49	47	44	42	43	44	43	45	45	44	48	52	42	41	39	39	35	35	44	34	44.8
		MIN	53	53	53	51	45	42	39	38	38	44	44	47	44	40	38	41	43	42	43	43	44	43	39	40	39	35	35	35	35	34	34	41.7
	20	5PM	53	54	54	55	54	53	50	54	49	50	50	51	51	50	48	48	48	48	49	49	49	49	50	51	49	47	46	45	44	44	44	49.5
BEREA COLLEGE	4	MAX	57	59	59	58	52	47	43	44	46	50	52	53	50	45	43	48	48	46	49	50	46	52	-	51	47	56	47	36	36	45	36	48.4
		MIN	56	56	57	52	41	41	38	40	42	46	49	49	45	40	40	30	45	42	43	44	44	46	-	43	40	36	37	36	36	36	36	42.9
	20	5PM	55	56	56	56	55	54	52	51	51	51	51	52	53	51	51	50	50	50	50	50	50	51	-	52	48	47	48	47	46	46	45	50.8
CAMPBELLSVILLE 2 SSW	4	MAX	55	55	55	55	56	55	55	55	55	45	50	50	45	44	43	45	45	45	47	47	45	50	50	53	52	42	37	35	35	44	36	47.8
		MIN	50	50	50	50	47	45	42	40	42	42	42	43	43	43	41	43	45	44	43	45	44	45	47	45	42	37	35	34	33	32	35	42.5
	20	6PM	52	52	55	55	54	52	45	49	44	48	46	50	49	44	43	44	43	47	47	47	42	45	45	45	44	46	45	44	44	36	42	46.6
CUMBERLAND GAP PARK	4	MAX	54	53	52	51	53	47	43	40	41	46	47	50	49	46	42	43	44	44	45	45	48	50	53	50	46	39	53	37	35	35	35	45.7
		MIN	52	52	47	51	45	43	39	39	39	41	45	47	46	41	39	41	43	41	43	45	45	48	50	46	39	38	37	35	35	35	35	42.6
	20	5PM	52	52	53	53	53	52	51	49	48	48	48	49	50	49	49	48	48	48	48	48	48	50	51	51	50	50	47	46	45	44	44	49.1
FLEMINGSBURG 1 SW	4	MAX	53	54	55	54	52	46	40	41	44	45	49	50	49	45	43	42	43	43	45	46	44	46	49	49	43	40	38	38	36	35	35	44.9
		MIN	51	53	52	50	46	40	39	39	41	44	45	48	45	42	40	42	42	42	43	44	42	41	46	43	39	38	36	36	35	35	35	42.4
	20	6PM	50	51	52	52	51	49	49	47	47	47	48	49	49	48	47	47	47	46	46	47	47	46	47	47	46	45	44	43	42	42	41	47.1
GLASGOW WKAY	4	MAX	54	56	56	56	54	49	46	45	47	49	51	51	50	48	46	46	46	47	48	48	50	52	53	53	47	45	40	41	40	40	40	48.2
		MIN	53	54	56	54	49	46	44	43	44	46	49	50	48	45	43	43	46	45	47	46	47	50	50	47	45	40	40	38	40	39	40	46.0
	20	6PM	53	54	55	55	54	53	52	51	50	50	51	51	51	50	49	49	49	49	49	49	49	50	51	50	49	48	46	45	45	45	45	49.9
GREENVILLE 2 W	4	MAX	56	58	57	58	55	50	47	44	47	49	52	53	49	47	43	45	45	45	48	48	45	50	53	53	44	-	41	37	37	38	37	46.2
		MIN	55	56	57	55	50	46	43	42	44	47	50	49	47	42	41	43	45	43	45	45	45	45	50	44	41	-	36	35	35	36	36	43.5
	20	5PM	54	54	55	55	54	53	52	51	50	49	51	51	50	49	49	49	49	49	49	49	49	49	50	50	49	-	46	45	45	44	44	49.8
HENDERSON 7 SSW	4	MAX	55	55	56	56	55	51	48	46	47	48	50	51	49	48	48	45	45	45	46	46	46	47	49	49	45	44	40	40	40	40	39	47.4
		MIN	54	55	55	55	51	48	45	45	45	47	47	49	47	45	45	45	45	45	44	46	45	46	47	45	44	40	40	39	39	39	39	45.8
	20	6PM	54	54	55	55	55	54	52	51	51	51	51	52	51	50	51	50	50	50	50	50	49	49	50	50	49	48	47	46	45	45	45	50.3
IRVINGTON	4	MAX	56	56	57	57	53	48	45	42	46	46	50	50	49	46	42	44	45	45	47	47	46	46	53	48	43	40	36	36	36	36	36	46.0
		MIN	55	55	55	50	47	43	40	40	42	44	46	49	45	40	40	42	44	43	43	45	45	45	45	42	40	36	36	36	36	36	36	43.3
	20	4PM	50	51	52	52	51	50	48	46	46	47	47	48	45	47	45	45	45	45	46	46	46	46	47	47	44	44	42	42	41	41	40	46.2
MAYFIELD RADIO WNGO	4	MAX	55	-	60	56	-	55	52	47	49	51	52	54	52	52	51	45	49	49	47	45	49	51	54	51	53	43	42	39	40	45	48	49.5
		MIN	54	-	56	50	-	52	43	43	47	48	50	49	47	51	44	44	45	47	45	43	45	49	51	46	42	40	39	39	39	40	45	46.0
	20	5PM	51	-	54	54	-	47	50	49	50	51	50	49	49	50	50	49	50	50	48	44	46	50	51	50	51	48	50	46	39	40	48	48.8
PRINCETON 1 SE	4	MAX	55	55	57	57	54	50	50	44	47	49	51	52	48	47	44	46	45	45	47	47	46	50	52	52	44	42	38	37	38	38	39	47.3
		MIN	55	55	55	53	50	45	43	42	43	47	48	48	46	44	44	43	45	44	45	46	46	46	48	44	42	38	37	37	37	37	38	44.9
	20	5PM	54	55	56	56	55	53	52	50	50	50	51	51	51	50	50	49	49	49	49	49	49	50	51	51	49	48	46	45	45	45	44	50.1
QUICKSAND	4	MAX	54	54	54	53	51	47	43	41	42	45	46	48	47	44	41	44	43	44	47	46	45	49	52	52	51	40	39	36	35	35	34	45.3
		MIN	51	52	51	51	44	44	38	38	39	42	44	46	44	40	38	41	43	42	44	45	44	44	48	48	40	39	35	34	34	34	34	42.3
	20	4PM	51	52	52	53	50	50	48	46	41	46	46	47	48	47	46	45	46	46	46	47	47	47	47	47	47	45	44	42	41	41	40	46.5
SANDY HOOK 4 NW	4	MAX	55	53	55	53	50	45	43	40	42	46	48	48	49	45	42	43	44	45	47	49	47	48	45	53	42	39	38	37	38	37	35	45.2
		MIN	53	48	50	50	45	43	40	39	43	42	46	48	45	40	39	40	43	43	45	45	45	43	48	42	[illegible]	38	37	37	37	35	34	42.5
	20	6PM	50	51	51	50	50	50	47	45	45	45	46	47	47	47	45	45	45	44	44	46	46	46	47	47	[illegible]	45	44	42	42	41	41	46.0

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Continued

Station	Depth (IN)	Time	1	2	3	4	5	6	7	6	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SOMERSET 2 N																																		
	1	MAX	55	56	56	56	52	47	44	44	46	49	51	51	54	51	44	46	46	46	48	47	49	52	55	54	47	42	40	39	41	40	39	48.0
		MIN	52	53	54	52	46	43	39	40	42	45	48	49	51	41	40	43	45	42	46	46	45	49	50	45	42	40	38	34	37	35	38	44.2
	4	MAX	54	54	55	54	53	47	46	44	45	48	50	50	55	50	44	46	46	46	48	48	48	51	53	54	47	44	41	40	40	39	39	47.7
		MIN	52	53	54	52	47	44	41	41	42	45	48	49	50	43	41	44	45	43	46	46	46	48	50	47	43	41	40	36	38	36	38	44.8
	20	6PM	55	55	56	56	56	54	52	52	51	51	51	53	53	52	51	51	51	51	51	51	51	52	53	53	51	50	49	48	47	47	47	51.6
WILLIAMSTOWN 3 NW																																		
	4	MAX	53	54	53	53	51	48	44	42	44	45	48	49	49	46	43	43	44	44	46	46	46	45	48	48	43	41	39	38	37	37	37	45.3
		MIN	50	53	53	51	48	44	41	41	41	44	45	48	46	43	43	43	42	43	44	44	45	44	45	43	41	38	38	37	37	37	37	43.5
	20	6PM	50	51	51	52	51	50	49	47	47	47	47	48	48	48	47	47	47	46	46	47	46	46	46	47	46	45	44	43	43	42	42	47.0

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

SNOWFALL AND SNOW ON GROUND

KENTUCKY
DECEMBER 1970

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
ELKTON 2 S	SNOWFALL																										T					2.0
	SN ON GND																															2
FORDS FERRY DAM 50	SNOWFALL																															T
	SN ON GND																															T
HENDERSON 7 SSW	SNOWFALL																									T						T
	SN ON GND																									T						
HOPKINSVILLE	SNOWFALL																															.5
	SN ON GND																															1
MURRAY	SNOWFALL																															T
	SN ON GND																															T
OWENSBORO 2 W	SNOWFALL																										T					T
	SN ON GND																										T					T
PADUCAH FAA AIRPORT	SNOWFALL																									T					T	T
	SN ON GND																															
PARADISE STEAM PLANT	SNOWFALL																															T
	SN ON GND																															
* * * CENTRAL 02																																
BARDSTOWN	SNOWFALL																															2.0
	SN ON GND																															-
BOWLING GREEN FAA AP	SNOWFALL																									T					1.0	1.0
	SN ON GND																															1
CAMPBELLSVILLE 2 SSW	SNOWFALL																															-
	SN ON GND																															-
IRVINGTON	SNOWFALL																									T						T
	SN ON GND																															
LOUISVILLE WSO	SNOWFALL													T												T						.8
	SN ON GND																															1
	WTR EQUIV																															
MAMMOTH CAVE PARK	SNOWFALL																									T	T					2.5
	SN ON GND																															2
MILLERSTOWN	SNOWFALL																										T					2.0
	SN ON GND																										T	T	T	T	T	2
SUMMER SHADE	SNOWFALL																									T						3.0
	SN ON GND																															1
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COVINGTON WSO	SNOWFALL													T												.2	T	.2				T
	SN ON GND																										T	T	T			T
	WTR EQUIV																															
CYNTHIANA	SNOWFALL														T												T					
	SN ON GND																										T					
DANVILLE	SNOWFALL																										.1					2.0
	SN ON GND																										T					2
FARMERS 1 WNW	SNOWFALL																									T	T					1.0
	SN ON GND																									T	T	T	T			1
LEXINGTON WSO	SNOWFALL												T								T	T				.1						1.1
	SN ON GND																										T	T				1
	WTR EQUIV																															
MAYSVILLE SEWAGE PLANT	SNOWFALL																										T					
	SN ON GND																										T					
OWENTON	SNOWFALL																															T
	SN ON GND																															
WILLIAMSTOWN 3 NW	SNOWFALL																									.1		T				T
	SN ON GND																									T						
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL																															8.0
	SN ON GND																															-
DEWEY DAM	SNOWFALL																									1.0						.5
	SN ON GND																									1	T	T	T	T		1
HEIDELBERG LOCK 14	SNOWFALL																									T						1.0
	SN ON GND																									T	T					1
HYDEN	SNOWFALL																									-						-
	SN ON GND																									-						-
LONDON FAA AP	SNOWFALL																								T	T					T	7.6
	SN ON GND																									1	1					T
MIDDLESBORO	SNOWFALL																									-						-
	SN ON GND																															-
MONTICELLO	SNOWFALL																									.5						2.4
	SN ON GND																									T						2
PIKEVILLE	SNOWFALL																								1.0							10.0
	SN ON GND																								1							10
SOMERSET 2 N	SNOWFALL																								1.0							2.7
	SN ON GND																								1	1	T					3

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * MAY 1970																							
HICKMAN 1 E	83.2	59.3	71.3		92	24+	41	3	27	5	0	0	0	8.33		4.45	10	.0	0		9	4	2
* * * JUNE 1970																							
CAMPBELLSVILLE 2 SSW	84.5	61.0	72.8		91	30+	50	28+	3	3	0	0	0	3.57		1.19	13	.0	0		7	3	1
* * * AUGUST 1970																							
CAMPBELLSVILLE 2 SSW	87.3	64.8	76.1		96	16	56	25	0	11	0	0	0	5.81		2.79	9	.0	0		7	4	2
CUMBERLAND	86.5	61.5	74.0		95	4	53	25	0	9	0	0	0	4.66		1.14	9	.0	0		8	3	2
STEARNS	84.9	62.9	73.9		92	4+	52	25	0	5	0	0	0	6.53		2.74	9	.0	0		8	5	2
* * * SEPTEMBER 1970																							
STEARNS	82.0	60.0	71.0		87	16+	38	29	32	0	0	0	0	8.07		2.61	1	.0	0		12	5	2
* * * OCTOBER 1970																							
ANCHORAGE	70.5	47.6	59.1	1.5	81	7	30	17	202	0	0	2	0	4.58	2.02	1.38	13	.0	0		9	3	1
* * * NOVEMBER 1970																							
CAMPBELLSVILLE 2 SSW	56.6	37.9	47.3		70	29+	9	24	524	0	0	9	0	2.48		.75	14	.0	0				0
STEARNS 1 W	54.8M	33.8M	44.3M		71	9	9	25+	617	0	1	12	0	1.81		.66	20	.0	0		4	2	0

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * MAY 1970																																
HICKMAN 1 E	8.33	1.51	.21				.15				4.45	.26				T	.65								.15	.05	T			.06	.50	.34
* * * JUNE 1970																																
CAMPBELLSVILLE 2 SSW	3.57	.04	.01	.68	.42	.19								1.19		.03	.11					.32					T	.58				
MARTIN	-			.14	1.73	.62											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* * * JULY 1970																																
MILLERSTOWN	2.91				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.91
* * * AUGUST 1970																																
CAMPBELLSVILLE 2 SSW	5.81			.17					.15	2.79	.64		.76	T				T			.15			1.05							.07	.03
CUMBERLAND	4.66	.04	.35	.42	T					1.14	.07		.03	T	T	T		T	1.13		.11		.30	.67								.40
STEARNS	6.53	T			.60					2.74	1.06		.01	.47							.67	.13		.69								.16
* * * SEPTEMBER 1970																																
STEARNS	8.07	2.61	.12		.20	.10			.25	.25	1.64	.11	.02							.94	.06	.13		.74			.05	.85				
* * * OCTOBER 1970																																
ANCHORAGE	4.58								.38	T	.87	T	.16	1.38	.23	T					.90	.15			T				.16	.35	T	
* * * NOVEMBER 1970																																
CAMPBELLSVILLE 2 SSW	2.48		.69	T	.19					T	.22				.75						*	*	.63									
STEARNS 1 W	1.81			.06	.08	.08					.11			.14		.54				.06	.66									.08		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
MAY 1970																																	
HICKMAN 1 E	MAX	85	63	67	79	83	76	83	84	84	75	82	86	87	85	86	72	78	82	85	68	90	91	92	92	90	89	86	89	87	87	77	83.2
	MIN	63	49	41	43	51	53	51	62	66	60	65	71	66	66	65	55	47	53	55	56	61	62	63	67	69	59	54	60	68	67	69	59.3
* * *																																	
JUNE 1970																																	
CAMP8ELLSVILLE 2 SSW	MAX	83	83	81	78	76	74	82	85	88	86	86	86	85	88	87	84	91	90	89	83	80	80	81	87	87	89	84	84	86	91		84.5
	MIN	67	67	65	62	59	50	50	55	60	63	61	62	60	63	66	68	69	74	63	62	65	52	53	54	64	68	61	50	55	61		61.0
* * *																																	
AUGUST 1970																																	
CAMP8ELLSVILLE 2 SSW	MAX	92	94	95	85	83	87	86	86	86	82	79	78	84	88	90	96	90	90	90	89	91	89	88	78	82	84	85	89	89	90	90	87.3
	MIN	74	65	65	66	61	63	61	64	66	69	65	67	60	62	63	65	67	68	69	67	69	65	69	58	56	60	57	59	65	74	71	64.8
CUM8ERLANO	MAX	90	91	90	95	93	86	86	86	77	77	81	82	81	86	90	91	92	92	87	84	88	82	85	80	85	86	86	89	89	88	87	86.5
	MIN	67	70	65	65	58	60	57	57	61	63	62	61	65	61	62	62	62	63	63	63	60	62	66	58	53	58	58	56	60	65	65	61.5
STEARNS	MAX	90	92	90	92	88	89	87	86	85	73	73	76	75	83	86	88	89	90	86	85	85	86	85	79	80	84	83	85	86	86	89	84.9
	MIN	67	68	61	62	62	65	61	60	68	66	63	66	61	63	62	62	66	66	65	67	68	65	69	59	52	56	59	58	58	60	64	62.9
* * *																																	
SEPTEM8ER 1970																																	
STEARNS	MAX	87	83	87	84	87	83	82	86	86	83	79	81	77	83	87	87	86	85	70	84	84	86	86	85	85	81	82	70	66	68		82.0
	MIN	64	64	65	64	64	64	61	63	66	67	68	55	49	51	62	59	58	59	60	66	67	66	64	67	65	62	55	47	38	40		60.0
* * *																																	
OCTO8ER 1970																																	
ANCHORAGE	MAX	76	80	79	68	77	79	81	76	76	71	72	74	77	75	66	55	61	66	67	62	59	67	72	67	73	76	75	66	58	67	69	70.5
	MIN	46	52	50	38	44	52	59	59	62	39	46	57	66	62	50	35	30	31	40	49	52	41	40	51	49	51	49	56	49	36	35	47.6
* * *																																	
NOVEM8ER 1970																																	
CAMP8ELLSVILLE 2 SSW	MAX	64	61	55	52	55	63	65	70	67	58	58	60	58	50	52	47	48	50	57	60	55	53	40	35	43	57	64	65	70	67		56.6
	MIN	44	44	43	35	32	32	44	34	53	49	43	43	44	34	32	32	24	36	44	47	23	40	19	9	13	36	53	54	50	50		37.9
STEARNS 1 W	MAX	66	69	59	49	40	55	66	67	71	69	55	62	60		47	42	36	57	46	61	54	59	59	36	25	35	55	59	61	68		54.8
	MIN	36	41	29	35	34	31	32	35	39	47	40	40	44		42	31	20	20	33	40	24	32	25	9	9	16	35	54	54	52		33.8

CORRECTIONS

OATE	TABLE	OIVISION	STATION	CORRECTION
OCTO8ER 1957 THROUGH AUGUST 1970	STATION INOEX	WESTERN 01	ELKTON 2 S	ELEVATION 630 FEET
ANNUAL 1957 THROUGH ANNUAL 1969	STATION INOEX	WESTERN 01	ELKTON 2 S	ELEVATION 630 FEET
JULY 1970	MONTHLY SUMMARIZEO STATION ANO OIVISIONAL OATA	WESTERN 01	GIL8ERTSVILLE	AVERAGE MAXIMUM 88.8, AVERAGE MINIMUM 65.3; AVERAGE TEMPERATURE 77.1, HIGHEST TEMPERATURE 98 ON THE 31ST; TOTAL PRECIPITATION 1.15, GREATEST OAY OF PRECIPITATION .49 ON THE 24TH; NUM8ER OF OAYS WITH PRECIPITATION .10 OR MORE 4, .50 0
JULY 1970	MONTHLY SUMMARIZEO STATION ANO OIVISIONAL OATA	WESTERN 01	OIVISION	AVERAGE PRECIPITATION 1.89; OEPARTURE FROM NORMAL -2.08
JULY 1970	OAILY PRECIPITATION	WESTERN 01	GILBERTSVILLE	TOTAL PRECIPITATION 1.15, AMOUNT ON 27TH .03, 28TH .02, 29TH THROUGH 31ST 0
JULY 1970	OAILY TEMPERATURE	WESTERN 01	GIL8ERTSVILLE	MAXIMUM TEMPERATURE 27TH THROUGH 31ST 92, 93, 95, 95, 98; AVERAGE MAXIMUM 88.8; MINIMUM TEMPERATURE 27TH THROUGH 31ST 69, 74, 72, 76, 76; AVERAGE MINIMUM 65.3
JULY 1970	MONTHLY SUMMARIZEO STATION ANO OIVISIONAL OATA	EASTERN 04	WILLIAMS8URG 1 E	TOTAL PRECIPITATION 1.68, OEPARTURE FROM NORMAL -3.22; GREATEST DAY .47 ON THE 27TH; NUM8ER OF OAYS WITH PRECIPITATION .10 OR MORE 5, .50 OR MORE, 0, 1.00 OR MORE, 0
JULY 1970	MONTHLY SUMMARIZEO STATION ANO OIVISIONAL OATA	EASTERN 04	OIVISION	AVERAGE PRECIPITATION 3.02; OEPARTURE FROM NORMAL -1.74
JULY 1970	OAILY PRECIPITATION	EASTERN 04	WILLIAMS8URG 1 E	TOTAL PRECIPITATION 1.68, AMOUNT ON 3D, 4TH, AND 9TH, .00

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * * JUNE 1970 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	76	77	76	76	74	75	75	76	78	76	77	77	77	77	79	78	79	80	81	80	81	78	78	79	79	79	81	80	80	81		78.0
		MIN	70	72	72	70	70	70	64	68	70	72	71	72	72	72	72	70	74	76	74	74	78	71	70	71	70	72	75	71	71	73		71.6
	20	6PM	69	69	69	69	69	69	68	69	69	69	69	69	70	70	70	70	70	71	72	72	72	71	71	71	71	72	72	72	72	72		70.3
* * * JUNE 1970 LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	87	86	80	83	85	81	85	86	92	88	87	87	79	90	79	76	87	88	82	81	80	82	86	87	92	93	90	96	96	100		86.4
		MIN	69	70	68	66	64	60	59	63	66	67	68	68	70	68	70	70	70	72	68	63	66	62	61	64	71	69	65	59	63	69		66.3
	2	MAX	84	83	78	80	82	77	82	84	91	85	84	85	78	87	77	76	85	85	80	80	79	80	83	85	88	89	86	91	91	94		83.6
		MIN	70	72	69	67	66	61	60	64	67	69	70	69	71	69	71	71	71	74	70	65	67	64	63	66	72	70	67	63	66	70		67.8
	4	MAX	80	78	74	76	77	73	76	79	81	80	80	81	76	82	76	74	81	81	77	77	76	77	79	81	82	83	80	83	83	86		79.0
		MIN	70	73	70	68	68	63	63	66	68	70	71	71	72	70	71	72	72	75	72	68	70	66	66	68	72	72	69	66	69	72		69.4
	8	MAX	75	75	73	73	72	70	72	74	76	76	76	77	74	77	74	73	77	78	76	74	74	73	74	76	77	77	76	77	77	80		75.1
		MIN	71	73	70	69	70	66	65	67	69	71	71	72	73	71	72	72	72	76	73	70	72	68	68	70	73	73	71	69	71	73		70.7
(SOD)	1	MAX	74	75	74	75	76	73	76	78	80	80	80	80	75	82	76	75	81	81	78	77	77	76	79	80	80	79	76	78	79	82		77.7
		MIN	69	72	69	68	68	65	65	68	70	70	71	71	72	70	73	72	72	75	73	69	71	69	67	69	72	73	70	67	69	71		70.0
	2	MAX	73	75	73	74	75	72	75	77	78	79	79	80	75	81	76	75	80	80	77	76	76	76	78	79	79	79	75	78	78	80		76.9
		MIN	69	72	70	68	69	66	65	68	70	71	72	72	73	71	73	73	72	76	73	70	72	70	68	69	73	73	71	68	69	72		70.6
	4	MAX	72	73	72	73	74	71	73	75	76	77	77	78	74	78	75	74	78	78	76	75	75	75	76	77	77	77	75	76	76	78		75.4
		MIN	69	72	70	69	69	66	66	69	71	71	72	72	73	71	73	73	72	76	73	71	72	70	69	70	73	73	71	69	70	72		70.9
	8	MAX	70	71	70	71	71	70	71	72	74	73	73	75	73	75	74	73	75	76	75	73	73	73	73	74	75	75	74	74	73	75		73.1
		MIN	69	70	69	69	70	68	67	69	71	71	72	72	72	71	73	73	72	75	73	72	73	72	70	71	73	73	72	70	71	73		71.2
	20	7PM	66	66	67	67	67	67	67	67	67	68	69	69	69	69	70	70	70	70	71	70	70	70	70	70	70	71	71	70	70	70		68.9
	40	7PM	62	63	63	63	63	63	63	63	64	64	64	64	64	65	65	65	65	66	66	66	66	66	66	66	66	67	67	67	67	67		64.9
* * * AUGUST 1970 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	85	84	85	85	84	82	83	81	80	81	77	76	78	79	80	81	81	81	81	81	81	81	80	81	80	79	79	79	81	81	80	80.9
		MIN	78	77	77	78	77	76	76	75	75	75	73	75	73	74	75	75	75	77	77	77	77	76	76	75	73	74	73	73	79	80	75	75.7
	20	6PM	75	75	75	77	76	76	76	76	75	75	75	75	74	73	75	75	75	75	75	75	76	76	75	75	75	74	74	74	74	74	75	75.0
* * * NOVEMBER 1970 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	64	63	62	64	63	63	63	63	63	63	63	60	60	60	61	57	47	46	50	50	50	47	46	44	40	40	48	50	50	55		55.2
		MIN	59	50	60	60	60	60	60	60	59	60	59	57	57	53	57	44	46	45	46	46	46	45	44	40	38	38	40	40	34	50		50.4
	20	6PM	62	61	59	58	58	57	56	56	56	57	57	57	57	55	56	55	54	52	52	54	52	51	50	44	47	47	47	48	50	50		53.8

CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA N. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		M	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA N. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WSO	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C MJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL MILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAMAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA N. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C M	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALNAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. NORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	[illegible]	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.N. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C MJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		M	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	670		7A			DONALD R. MARSHALL
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. NORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		M	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAN
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTNILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		M	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C M	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	435		7A			M. W. CUNDIFF
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. M. GOATLEY
STEARNS 1 W	7680	04	MC CREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	64[illegible]		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	58[illegible]	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	50[illegible]		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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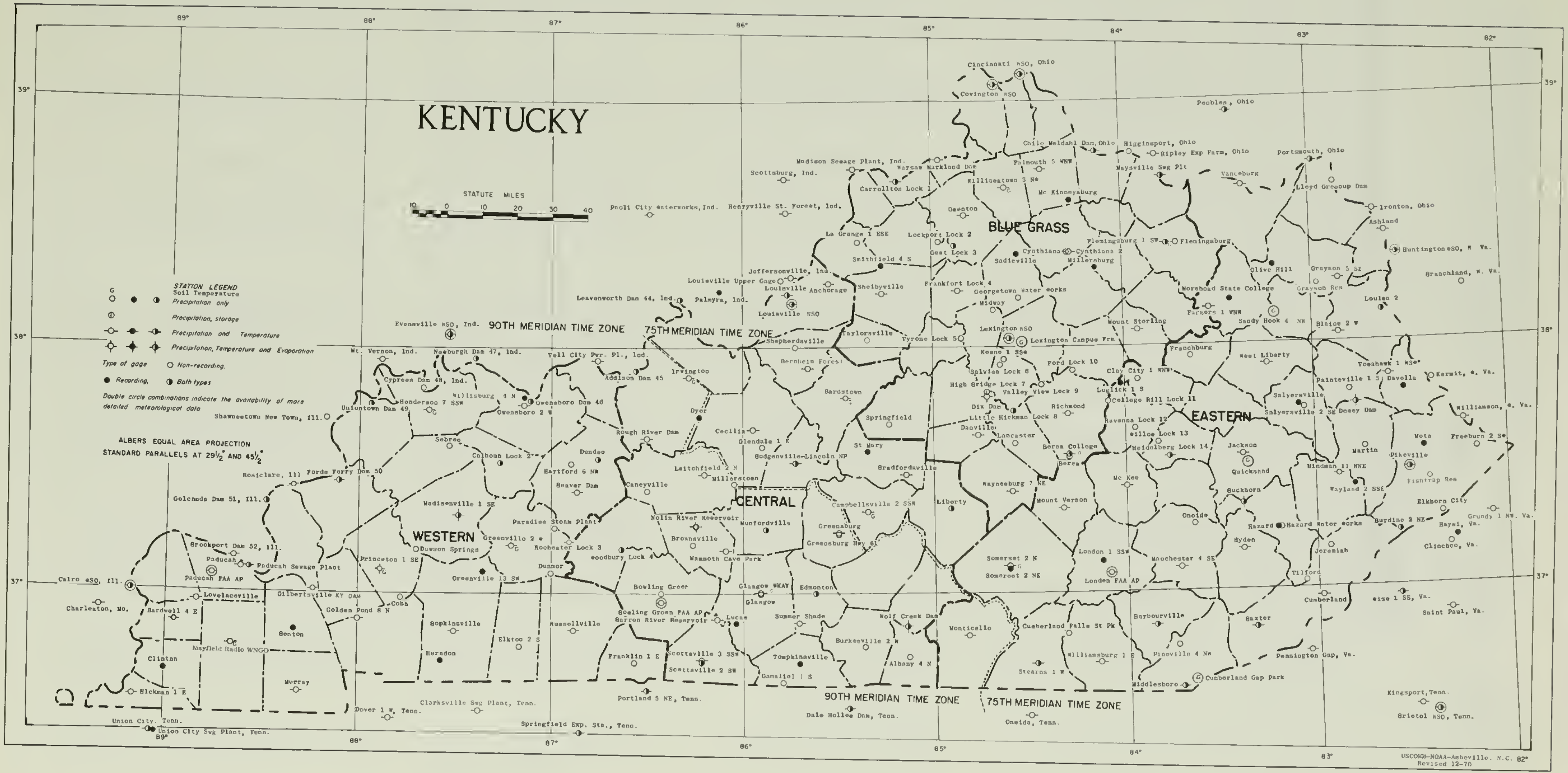
KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
G
Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
○ Non-recording.
● Recording,
◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
WESTERN
CENTRAL
BLUE GRASS
EASTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
Cincinnati WSO, Ohio
Covington WSO
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind.
Warsaw Markland Dam
Falmouth 5 WNW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Scottsburg, Ind.
Carrollton Lock 1
Williamstown 3 NW
Mc Kinneysburg
Ironton, Ohio
Ashland
Paoli City waterworks, Ind.
Henryville St. Forest, Ind.
Owenton
La Grange 1 SSE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Flemingsburg 1 SW
Flemingsburg
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Huntington WSO, W. Va.
Branchland, W. Va.
Olive Hill
Grayson 5 SE
Grayson Res
Louisa 2
Jeffersonville, Ind.
Louisville Upper Gage
Louisville Anchorage
Shelbyville
Frankfort Lock 4
Georgetown water works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 4 NW
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WSO
Taylorsville
Tyrone Lock 5
Lexington WSO
Lexington Campus Frm
Mount Sterling
Evansville WSO, Ind.
Shepherdsville
Keene 1 SSE
Franchburg
West Liberty
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Bernheim Forest
Sylvias Lock 6
Ford Lock 10
Clay City 1 WNW
Toeshawk 1 WSW
Kermit, W. Va.
Painteville 1 S
Davella
Cypress Dam 48, Ind.
Willisburg 4 N
Owensboro Dam 46
Henderson 7 SSW
Owensboro 2 W
Bardstown
High Bridge Lock 7
Valley View Lock 9
Loglick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Uniontown Dam 49
Dyer
Cecilia
Springfield
Richmond
Dix Dam
Little Hickman Lock 8
Danville
Ravenna Lock 12
Beattyville Lock 13
Heidelberg Lock 14
EASTERN
Meta
Freeburn 2 SE
Shawneetown New Town, Ill.
Sebree
Rough River Dam
Glendale 1 E
Lancaster
Berea College
Berea
Jackson
Quicksand
Martin
Pikeville
Calhoun Lock 2
Dundee
Hartford 6 NW
Leitchfield 2 N
Millerstown
Hodgenville-Lincoln NP
St Mary
Bradfordsville
Wayneaburg 7 NE
Mc Kee
Hindman 11 NNE
Wayland 2 SSE
Fishtrap Res
Rosiclare, Ill
Fords Ferry Dam 50
Beaver Dam
Caneyville
Liberty
Mount Vernon
Buckhorn
Elkhorn City
Grundy 1 NW, Va.
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Campbellsville 2 SSW
Greensburg
Greensburg Hwy 61
Onoide
Hazard
Hazard water works
Hyden
Burdine 2 NE
Haysi, Va.
Clinchco, Va.
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Greenville 2 e
Dawson Springs
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Jeremiah
Cairo WSO, Ill.
Charleston, Mo.
Lovelaceville
Bardwell 4 E
Gilbertsville KY DAM
Princeton 1 SE
Greenville 13 SW
Dunmor
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Glasgow WKAY
Glasgow
Lucas
Edmonton
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Tilford
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Cobb
Golden Pond 8 N
Benton
Mayfield Radio WNGO
Hopkinsville
Russellville
Elkton 2 S
Burkesville 2 W
Tompkinsville
Albany 4 N
Williamsburg 1 E
Pineville 4 NW
Pennington Gap, Va.
Clinton
Hickman 1 E
Murray
Herndon
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Gamaliel 1 S
Stearns 1 W
Middlesboro
Cumberland Gap Park
Kingsport, Tenn.
Bristol WSO, Tenn.
Union City, Tenn.
Union City Swg Plant, Tenn.
Dover 1 W, Tenn.
Clarksville Swg Plant, Tenn.
Springfield Exp. Sta., Tenn.
Portland 5 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
USCOMM-NOAA-Asheville, N.C.
Revised 12-70

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

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AT URBANA-CHAMPAIGN

KENTUCKY
ANNUAL SUMMARY 1970
Volume 65 No. 13

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
* * * WESTERN 01																										
BARDWELL 4 E	28.5		36.0		43.6		59.9		69.4		73.3		76.5		76.8M		74.3		57.6		46.4		41.5		57.0M	
BEAVER DAM	28.0		35.7		44.3		60.3		68.3M		73.6M		75.7		76.4M		74.9		59.3M		46.5		41.4		57.0M	
FORDS FERRY DAM 50	26.9		34.6		42.2		60.0		69.2M		74.0		76.8		78.0		75.5		59.4		46.8		40.4		57.0M	
GILBERTSVILLE KY DAM	30.3		37.3		45.2		62.6		70.5		74.1		77.1		80.6		78.0M		61.6		48.9		43.7M		59.2M	
GOLDEN POND 8 N	28.5		34.9M		44.5		60.8M		68.9		72.5		76.4M		78.2M		M		59.6M		47.6		43.1		-	
GREENVILLE 2 W	29.1	- 8.0	36.5	- 2.9	44.2	- 2.5	60.1	2.7	68.0	2.4	72.7	- 1.7	75.8	- 1.8	77.2M	.6	75.6	5.5	58.9	- .6	45.9M	- 1.0	42.5M	3.8	57.2M	- .3
HENDERSON 7 SSW	27.5	- 8.6	34.7	- 3.9	43.3	- 2.8	60.4	3.2	69.5	3.3	73.6	- 1.8	76.3	- 2.3	76.7	- .5	75.3	4.6	59.1	- .9	46.2	- .4	40.2	2.5	56.9	- .6
HICKMAN 1 E	30.8		37.5M		46.1		62.2M		71.3		75.0		77.3M		78.2		75.3		59.6		47.9		43.0		58.7M	
HOPKINSVILLE	27.6	- 9.7	35.1	- 4.6	43.9	- 3.0	59.2	1.4	68.8	2.1	72.6	- 2.7	75.9	- 2.6	78.2	.5	75.6	4.4	59.1	- .9	45.5	- 1.4	41.8	3.0	56.9	- 1.2
LOVELACEVILLE	28.8	- 8.7	36.0	- 4.2	43.5	- 4.3	60.6	2.1	69.1	1.9	73.4	- 2.6	76.2	- 2.8	77.5	- .8	74.5	3.1	58.6	- 2.1	46.4	- .9	42.8M	3.6	57.3M	- 1.3
MADISONVILLE 1 SE	28.8M		36.0		44.1		60.6		69.6		73.5		76.7		77.5		75.4		59.1		45.9		41.8		57.4M	
MAYFIELD RADIO WNGO	28.4M		36.6M		45.3		60.9M		69.3		73.8		75.9M		78.1M		73.6		60.2M		45.8M		41.5M		57.5M	
MURRAY	28.2	-10.2	35.7	- 5.2	44.2	- 4.2	60.7	1.8	69.6	2.0	74.0	- 2.0	77.3	- 1.8	78.6	.0	75.7	4.2	59.6	- 1.3	46.9	- .9	42.5	2.4	57.8	- 1.2
OWENSBORO 2 W	27.4	- 8.4	34.7	- 3.7	43.8	- 2.0	59.5	2.6	69.0	2.9	73.3	- 1.9	76.5M	- 1.9	77.2	.3	75.0	4.8	59.2	- .2	46.9	.9	41.0	3.5	57.0M	- .2
PADUCAH FAA AIRPORT	27.3		35.1		42.5		59.9		68.7		73.2		76.8		77.8		74.7		58.6		45.7		41.3		56.8	
PADUCAH SEWAGE PLANT	29.8		37.0		43.8		61.5		-		-		-		78.3		75.8		59.0		45.3		41.9		-	
PRINCETON 1 SE	29.6	- 7.8	36.4	- 3.4	43.8	- 3.4	61.3	3.3	69.1	2.4	73.3	- 2.1	76.2	- 2.6	77.4	- .4	75.3	4.3	59.4	- .6	46.8	- .2	41.7	2.9	57.5	- .7
ROCHESTER LOCK 3	26.3		33.1M		43.3M		58.0M		M		72.2M		74.0M		M		74.7M		58.9M		44.5		40.4		-	
RUSSELLVILLE	27.8	- 9.0	34.7	- 4.2	43.7	- 2.7	59.6	2.1	67.5	1.1	71.7	- 3.6	75.0	- 3.3	76.6	- .6	75.7	5.2	57.7	- 1.4	45.1	- .7	41.8	3.5	56.4	- 1.1
DIVISION	28.4	- 8.8	35.7	- 4.0	44.0	- 2.9	60.4	2.5	69.2	2.6	73.3	- 2.1	76.2	- 2.4	77.7	.2	75.3	4.5	59.2	- .8	46.4	- .6	41.8	3.0	57.3	- .7
* * * CENTRAL 02																										
ANCHORAGE	28.5	- 5.9	34.0	- 2.4	42.4	- 1.3	59.4	4.8	68.7	5.0	73.4	1.0	76.3	.4	75.8	1.1	73.8	5.4	59.1	1.5	45.9	1.5	-		-	
BARDSTOWN	27.9		34.6		43.1		59.3		68.3M		73.2		75.9		75.2		74.3		59.3		46.5		40.5		56.5M	
BARREN RIVER RESERVOIR	27.4M		33.2M		43.3		58.3		67.1M		72.6		75.0		76.4		75.3		59.2		45.6		42.1		56.3M	
BERNHEIM FOREST	27.2		34.5		43.3		59.1		68.1		72.7		75.8		75.4		74.8		59.2		46.3		40.5		56.4	
BOWLING GREEN FAA AP	28.2	- 9.9	34.8	- 5.3	43.9	- 3.5	59.6	1.5	68.0	.8	73.2	- 2.8	76.1	- 3.0	77.4	- .5	75.7	4.3	58.9	- 1.1	46.2	- .8	41.3	2.2	56.9	- 1.6
BRADFORDSVILLE	27.0		34.4		43.7		58.5		66.3		71.7		74.9		75.1		73.6		59.3		46.5		42.0		56.1	
CAMPBELLSVILLE 2 SSW	28.8		36.0M		45.4		59.7		68.0		72.8		75.1		76.1		74.2		60.0		47.3		42.0		57.1M	
CECILIA	27.2	- 7.7	34.0	- 3.1	43.0	- 1.4	59.2	3.6	68.0	3.0	72.7	- .8	74.7	- 2.1	74.3	- 1.1	73.7	4.4	57.9	- .2	45.4	.5	40.3	4.0	55.9	.0
GLASGOW WKAY	28.1		35.3		44.2		60.0		67.8		73.0		74.5		75.1		73.9		58.4		45.9		41.6		56.5	
GREENSBURG	27.2	- 9.7	33.4	- 5.4	43.5	- 2.4	58.0	1.4	67.2	1.6	73.0	- 1.1	75.9	- 1.5	76.6	.5	74.2	4.5	59.3	1.2	45.7	- .1	40.8	2.8	56.2	- .7
HODGENVILLE-LINCOLN NP	28.1M		35.1		44.3		59.9		68.1		73.0		75.6		75.6		74.6		59.9		46.9		41.2		56.9M	
IRVINGTON	27.3	- 9.0	34.5	- 3.9	42.7	- 3.1	58.5	1.7	67.2	1.4	72.2	- 2.2	74.6	- 3.1	74.7	- 1.8	74.1	4.0	58.1	- 1.1	45.7	- .4	40.3	2.6	55.8	- 1.3
LEITCHFIELD 2 N	27.2	- 9.8	34.2	- 4.8	43.2	- 3.1	59.6	2.5	68.1	2.1	72.9	- 1.5	75.4	- 2.3	75.6	- 1.1	74.6	4.2	58.1	- 1.4	46.1	- .6	40.2	1.8	56.3	- 1.1
LOUISVILLE	30.2		35.4		44.5		61.5		70.9		75.9		78.8		78.6		76.0		61.3		48.3		42.5		58.7	
LOUISVILLE WSO	27.9	- 7.1	33.6	- 2.2	42.3	- 1.0	59.3	4.5	67.2	2.8	72.9	- .5	75.8	- 1.8	76.0	- .2	73.4	3.9	58.1	.2	45.3	.6	39.6	3.3	56.0	.3
MAMMOTH CAVE PARK	28.2		35.4		44.0		59.5		66.6		72.5		74.1		75.2		74.1		58.6		46.3		41.8		56.4	
NOLIN RIVER RESERVOIR	26.0		32.8		42.2		57.3		66.6		71.7		74.3		75.1		73.7		57.2		44.9		40.2		55.2	
ROUGH RIVER DAM	24.7		31.9		41.6		58.1		67.3		72.2		75.0		75.5		74.1		57.3		44.0		39.0		55.1	
SCOTTSVILLE 3 SSW	29.5		37.3		45.8		61.6		68.5		72.6		75.6		76.6		75.0		60.2		46.1M		43.6		57.7M	
SUMMER SHADE	28.2		35.7		44.8		60.2		67.4		71.8		73.9		75.1		73.5		58.9		46.2		42.0		56.5	
WOLF CREEK DAM	28.3		34.4		44.0		57.7		65.5		70.8		73.7		74.7M		72.3		59.6		46.2		-		-	
DIVISION	27.8	- 8.8	34.5	- 4.2	43.6	- 2.3	59.3	2.6	67.7	2.1	72.7	- 1.5	75.3	- 2.1	75.7	- .5	74.2	4.2	58.9	.0	46.1	.0	41.1	3.1	56.4	- .6
* * * BLUE GRASS 03																										
BEREA COLLEGE	28.9	- 8.7	35.5	- 3.7	44.3	- 1.9	59.9	2.9	68.4	2.8	73.1	- .6	75.8	- 1.1	76.7M	.8	75.6M	5.8	61.5M	2.5	47.6	1.0	42.5M	3.7	57.5M	.3
CARROLLTON LOCK 1	27.5		33.8		41.9		58.4		67.2		72.4		75.4		75.0		73.1		59.4		46.3		39.9		55.9	
COVINGTON WSO	24.0	- 7.6	30.6	- 2.5	39.0	- 1.6	56.8	4.6	66.8	4.3	72.2	.4	75.5	.1	75.1	1.0	73.7	6.5	58.6	2.5	45.0	2.3	38.0	4.7	54.6	1.2
CYNTHIANA 2	23.3		30.8		39.8		55.5		65.7		71.1		74.2		74.2		72.2		57.1		43.1		36.9		53.7	
DANVILLE	26.3		32.5		41.3		56.5		66.3		71.1		74.4		74.9		72.9		58.5		44.2		39.3		54.9	
DIX DAM	28.1M		34.0M		43.5		58.7		67.8M		72.6		75.8		75.6		73.7		60.4M		46.6M		40.9M		56.5M	
FALMOUTH 5 WNW	25.2		31.2		39.0		55.5		65.1		70.4		73.5		73.0		71.8		57.0		43.2		37.0		53.5	
FARMERS 1 WNW	27.6M	- 8.7	34.6	- 3.2	42.9	- 2.0	58.1	2.7	66.5	2.0	71.3	- 1.1	74.4	- 1.3	74.5	.3	72.2	4.1	59.1	2.1	46.0	.9	39.8	2.6	55.6M	- .1
FLEMINGSBURG 1 SW	25.6		32.6		40.8		57.3		65.7		71.1		73.8		73.8		72.3		58.5		45.0		38.6		54.6	
FRANKFORT LOCK 4	25.6	-10.2	32.1M	- 5.3	40.6	- 3.6	55.2	.4	66.0M	1.5	71.6	- 2.1	75.2	- 2.1	75.4	- .6	72.1	2.6	57.7	- .5	44.8	- .7	38.8	1.8	54.6M	- 1.6
LEXINGTON WSO	25.8	- 8.7	32.4	- 3.4	40.5	- 2.7	57.2	2.8	66.5	2.0	71.3	- 2.3	74.1	- 3.3	74.6	- 1.4	72.7	3.4	57.7	- .4	43.6	- 1.1	38.3	2.4	54.6	- 1.0
MAYSVILLE SEWAGE PLANT	24.2	-10.6	31.3	- 4.8	39.2M	- 3.9	54.9	.9	65.2	1.6	71.8	- .5	74.9	- .9	74.4	.0	71.7	3.6	58.3	1.2	43.8	- .9	37.6	1.7	53.9M	- 1.1
MOUNT STERLING	27.6		34.6		43.0		58.6M		67.6		72.3		75.5		74.8		73.1		60.1		45.8		40.6		56.1M	
OWENTON	-		-		40.1		56.0		66.4		71.4		74.9		75.6		72.3		58.4		44.4		39.2		-	
OWENTON 2 S	-		M		-		-		-		-		-		-		-		-		-		-		-	
RICHMOND	26.1		32.7		42.1		57.3		66.7		71.8		75.1		75.3		72.8		58.5		44.5		40.2		55.3	
SHELBYVILLE	24.2	-10.8	30.5	- 6.5	39.6	- 4.6	55.4	.4	65.1	.7	70.4	- 2.8	73.9	- 3.0	74.0	- 1.5	71.7	2.0	57.1	- 1.5	43.6	- 1.6	37.7	1.3	53.6	- 2.3
WARSAW MARKLAND DAM	23.1	-11.4	30.2	- 6.0	38.6	- 4.5	55.1	1.1	64.5	1.0	70.7	- 2.1	73.7	- 2.8	73.5	- 1.9	71.1	2.2	57.6	- .5	43.5	- 1.5	37.1	1.3	53.2	- 2.1
WAYNESBURG 7 NE	28.2		34.6		43.6		58.8		66.0		70.5		73.2		73.9		71.8M		58.7		45.6		41.1		55.5M	
WILLIAMSTOWN 3 NW	26.7	- 7.3	32.7	- 3.2	40.1	- 3.0	57.3	2.5	67.3	2.6	71.7	- 1.8	75.0	- 2.0	74.8	- .9	72.9	3.4	58.7	.3	44.6	- .2	38.4	2.9	55.0	- .6
DIVISION	26.0	- 9.9	32.6	- 4.9	41.0	- 3.6	57.0	1.5	66.4	1.6	71.5	- 1.9	74.6	- 2.1	74.7	- .8	72.6	3.2	58.6	.2	44.8	- .7	39.0	1.9	54.9	- 1.3
* * * EASTERN 04																										
ASHLAND	25.3	-11.8	32.2	- 6.4	39.9	- 5.5	55.1	- 1.2	64.7	- .7	70.7	- 3.0	74.1	- 2.9	73.6	- 2.2	70.9	1.0	57.5	- 1.3	45.3	- 1.3	38.7	.4	54.0	- 2.9
BARBOURVILLE	27.3		34.0		43.4		57.3		64.9		70.9		74.1M		75.0		72.8		-		44.9		41.4		-	
BAXTER	26.6		34.1		42.8		56.3		65.2		70.8M		73.9		74.0		71.9		58.9		44.2		39.9		54.9M	
BLAINE	23.6		31.4		39.2		53.7		63.8		69.4		73.2M		73.7		70.7		56.7		44.4		38.1		53.2M	
CUMBERLAND	28.7		36.8		44.8		57.4		65.6		69.9		73.5		74.0		-		M		46.5		41.8		-	
DEWEY DAM	25.6		32.3		41.6		56.5		66.1		71.5		75.0		74.9		71.9		57.8		45.5		38.8		54.8	
GRAYSON 5 SE	24.5		31.4		39.1		54.4		64.4		69.4		73.5		73.5		70.6		56.8		44.3		38.0		53.3	
HEIDELBERG LOCK 14	29.4		35.6		45.0		58.7		66.5		71.5M		74.6		75.0		72.2		60.0		46.6		41.7		56.4M	
HINDMAN 11 NNE	26.3		33.7		42.9		56.2		64.8		70.2		74.6		74.4		71.2		57.3		45.1		39.9		54.7	
HYDEN	26.2M		33.3		42.6M		55.6		64.8M		70.0M		73.4		73.8M		71.8M		58.4M		45.6M		40.1M		54.6M	
JACKSON	27.8		33.9		43.9		57.1		67.3		72.2		75.5		76.5		73.5		59.8		46.5		41.0		56.3	
LONDON FAA AP	26.6		34.9		43.8		58.1		65.8		70.6		73.6		74.1		71.7		58.1		44.4		39.4		55.1	
MANCHESTER 4 SE	29.3		36.5		45.3		58.6		66.0		70.7		74.3		74.6		72.3		59.9		46.5		42.1		56.3	
MC KEE	24.5		31.6		40.5		54.7		63.6		68.5		71.8		72.5		69.5		56.2		42.5		37.4		52.8	
MIDDLESBORO	27.3		34.9		43.6		56.2		64.5		70.1		73.7		74.6		71.8		58.9		44.7		41.2		55.1	
MONTICELLO	29.6		37.1		45.7		60.1		67.6		72.5		74.3		75.1		73.7		60.4		46.8		43.3		57.2	
MOUNT VERNON	29.1		35.7		44.7		60.3		67.7		71.9		74.7		75.3		73.2		60.7		46.4		42.1		56.8	
PIKEVILLE	32.2		38.9		47.1		60.6		68.7M		73.5		77.4		77.1		74.9		61.5		49.2		42.8		58.7M	
SOMERSET 2 N	27.6		33.9		43.0		58.9		66.2		71.0		73.3		74.5		71.8		58.7		45.5		41.3		55.5	
STEARNS	26.9		33.2		43.3		58.4		65.9		70.7		73.5		M		-		-		-		-		-	
STEARNS 1 W	-		-		-		-		-		-		-		M		71.0		-		44.3M		-		-	
TOMAHAWK 1 WSW	24.5		32.1		40.5M		54.5M		64.6M		69.5		73.2		73.1		70.1		56.4		44.9		40.3M		53.6M	
VANCEBURG	27.0		34.8		41.1		57.9		65.9		70.9		74.6		73.7M		71.9		59.0		45.6		40.4		55.2M	
WEST LIBERTY	24.1		31.7		40.3		55.0		65.1		69.8		73.0M		72.9		69.7		57.5		44.7		38.5		53.5M	
WILLIAMSBURG 1 E	31.2	- 8.5	38.7	- 2.1	46.9	- .8	58.5M	1.0	66.7	.4	70.8	- 3.5	73.5	- 3.7	74.7	- 1.5	73.6	3.4	61.0	1.9	48.6M	1.8	44.4	4.5	57.4M	- .6
DIVISION	27.1	-11.0	34.3	- 5.2	43.0	- 3.3	57.1	.4	65.7	.3	70.7	- 2.6	74.0	- 2.4	74.4	- .9	71.9	2.5	58.6	.3	45.5	- .7	40.5	1.8	55.2	- 1.8

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
* * * WESTERN 01																										
BARDWELL 4 E	1.13		3.27		7.00		10.38		3.38		6.26		.32		3.34		4.81		4.94		1.89		5.66		52.38	
BEAVER DAM	1.25		3.61		3.50		5.42		1.37		5.29		.53		1.97		2.46		7.66		1.25		4.97		39.28	
CALHOUN LOCK 2	.72		2.74		4.76		9.47		1.50		4.20		2.06		1.83		1.28		6.92		2.57		4.98		43.03	
COBB	.48		3.63		4.64		4.24		2.68		5.21		1.56		4.98		2.26		7.47		1.83		4.66		43.64	
DAWSON SPRINGS	E .66		3.62		5.02		6.72		2.22		3.51		2.15		5.68		1.82		7.33		1.96		4.56		E 45.25	
DUNDEE	1.03		3.52		-		-		3.74		-		-		-		-		8.78		3.09		4.06		-	
DUNMOR	.94		3.60		2.11		4.49		2.20		3.68		1.40		3.46		.67		8.04		2.81		4.56		37.96	
ELKTON 2 S	.91		4.16		4.07		5.61		2.05		7.23		2.27		4.80		1.47		8.19		1.95		4.01		46.72	
FORDS FERRY DAM 50	1.10	-3.37	2.79	-.54	5.35	.55	8.17	4.09	3.94	.16	5.05	1.50	2.63	-.53	5.51	2.21	2.85	-.18	6.17	3.73	1.88	-1.62	3.48	.31	48.92	6.31
FRANKLIN 1 E	1.04		3.73		3.63		5.91		3.05		3.40		2.66		3.76		2.67		3.49		2.17		4.31		39.82	
GILBERTSVILLE KY DAM	.54		3.75		6.08		5.27		3.85		6.54		1.15		4.14		2.46		5.87		2.04		4.88		46.57	
GOLDEN POND 8 N	E .89		E 3.52		E 4.82		4.84		2.91		5.67		1.59		1.97		3.15		E 7.24		E 2.00		4.86		E 43.46	
GREENVILLE 2 W	1.21	-3.78	4.19	.48	4.08	-.92	6.86	2.64	2.67	-1.41	5.46	1.28	3.41	-.96	2.17	-1.44	2.28	-.66	8.11	5.63	3.30	-.46	5.31	1.44	49.05	1.84
HARTFORD 6 NW	.76		3.57		3.73		8.05		1.63		5.24		2.62		2.46		2.59		9.01		2.34		5.26		47.26	
HENDERSON 7 SSW	.83	-4.18	2.88	-.63	5.51	.38	6.69	2.20	3.24	-.99	5.12	1.33	4.55	1.15	2.14	-1.26	4.24	1.26	4.47	1.67	2.54	-.95	3.02	-.57	45.23	-.59
HICKMAN 1 E	1.19		3.55		6.39		6.71		8.33		8.15		1.88		3.20		4.95		4.93		2.35		E 5.70		E 57.33	
HOPKINSVILLE	.88	-4.47	3.69	-.32	4.56	-.52	5.55	1.47	2.17	-2.04	6.82	2.71	2.23	-1.70	6.12	2.69	1.22	-1.78	8.28	5.86	3.03	-.87	4.77	.77	49.32	1.80
LOVELACEVILLE	1.42	-3.50	3.35	-.78	7.11	1.97	8.72	4.36	3.44	-.82	5.47	1.73	.77	-2.55	1.91	-1.34	3.86	.78	4.28	1.15	2.00	-2.00	4.91	.90	47.24	-.10
MADISONVILLE 1 SE	.69		4.11		4.58		9.03		2.28		5.18		4.18		3.23		.91		7.73		2.27		4.87		49.06	
MAYFIELD RADIO WNGO	E 1.48		4.61		7.65		E 7.46		3.23		6.52		.88		3.92		3.47		7.05		2.20		6.99		E 55.46	
MURRAY	.77	-4.42	3.60	-.49	4.06	-1.24	6.20	2.08	4.35	.17	9.14	5.64	2.26	-1.67	1.47	-1.78	4.50	1.41	5.77	2.90	2.34	-1.66	4.44	.34	48.99	1.28
OWENSBORO 2 W	.91	-3.74	2.88	-.50	4.76	-.17	11.79	7.77	2.81	-1.38	5.28	1.36	1.79	-1.71	2.30	-1.15	2.99	-.06	7.37	4.95	2.55	-.96	4.17	.92	49.60	5.33
OWENSBORO DAM 46	1.08	-3.50	2.88	-.53	5.03	.20	10.42	6.38	2.30	-1.89	6.06	2.24	1.54	-1.72	2.85	-.62	2.43	-.48	7.20	4.81	2.49	-.97	3.46	.30	47.74	4.22
PADUCAH FAA AIRPORT	.99		2.94		5.99		8.69		3.99		4.41		.52		2.85		3.27		4.04		2.17		4.00		43.86	
PADUCAH SEWAGE PLANT	.90	-3.84	3.55	-.21	7.27	2.42	6.84	2.58	E 3.65	-.75	E 5.47	1.69	E .69	-2.79	3.10	-.22	2.67	-.45	4.43	1.64	1.95	-2.01	4.21	.62	E 44.73	-1.32
PARADISE STEAM PLANT R	1.56		3.95		4.50		7.25		1.65		6.49		.48		4.81		.96		6.63		2.33		5.83		46.44	
PRINCETON 1 SE	.93	-4.27	4.14	.16	5.01	.02	5.63	1.55	3.52	-.45	4.20	.39	2.02	-1.43	6.96	3.63	2.78	-.11	7.32	4.72	2.16	-1.56	4.61	.71	49.28	3.36
ROCHESTER LOCK 3	1.17		3.95		3.26		6.89		2.01		6.60		.84		3.65		2.00		6.90		2.56		5.45		45.28	
RUSSELLVILLE	1.39	-4.12	4.32	.00	4.84	-.21	5.62	1.58	2.94	-.82	7.97	4.07	2.51	-1.80	3.59	.14	2.51	-.90	9.21	6.96	3.01	-.87	4.61	.46	52.52	4.49
SEBREE	1.27		3.37		6.92		7.79		2.51		3.59		2.39		4.75		2.27		7.22		2.70		4.82		49.60	
UNIONTOWN DAM 49 //	1.06	-3.07	2.75	-.30	5.90	1.52	5.98	1.92	5.77	1.63	6.17	2.82	4.48	.97	2.75	-.60	4.88	1.84	5.11	2.38	2.37	-.94	2.56	-.41	49.78	7.76
DIVISION	1.04	-3.95	3.62	-.25	5.36	.34	7.2[illegible]	3.07	3.37	-.84	6.03	2.17	1.83	-2.14	3.34	-.05	3.02	-.04	6.41	3.80	2.29	-1.50	4.78	.97	48.29	1.58
* * * CENTRAL 02																										
ADDISON DAM 45 //	1.52	-3.14	2.93	-.75	5.64	.84	16.87	13.00	1.49	-2.86	6.95	3.18	2.31	-1.46	3.20	.05	3.75	.65	7.63	5.24	2.25	-1.12	4.45	1.04	58.99	14.67
ALBANY 4 N	1.34		4.38		3.31		5.21		.83		6.69		2.79		5.52		6.56		3.16		3.16		4.39		47.34	
ANCHORAGE	1.51	-2.79	E 2.93	-.25	4.32	-.20	10.09	6.11	3.77	-.33	5.52	1.30	4.41	.64	7.71	4.16	3.81	.80	4.58	2.02	1.71	-1.62	E 3.99	.69	E 54.35	10.53
BARDSTOWN	1.37		3.31		4.06		12.0[illegible]		4.55		4.81		3.50		2.86		4.91		4.76		2.96		5.55		54.70	
BARREN RIVER RESERVOIR	1.46		4.17		4.04		5.58		2.88		6.26		6.10		5.13		4.79		5.22		2.22		3.89		51.74	
BERNHEIM FOREST	1.06		3.20		5.08		9.70		3.57		12.04		3.16		3.58		6.30		5.02		2.30		5.44		60.45	
BOWLING GREEN	1.43		4.54		4.70		6.97		1.84		2.63		2.27		3.45		3.71		4.14		2.37		4.93		42.98	
BOWLING GREEN FAA AP	1.70	-4.00	4.05	-.07	4.15	-1.11	7.01	2.95	2.45	-1.32	5.15	.99	2.31	-1.88	2.65	-.95	2.58	-.49	3.75	1.37	2.34	-1.27	4.86	.52	43.00	-5.26
BRADFORDSVILLE	E 1.20		4.41		E 3.31		9.70		2.63		3.17		4.27		5.16		8.05		3.27		2.85		E 5.38		E 53.40	
BROWNSVILLE	1.12		4.46		3.61		4.84		1.70		3.38		3.60		2.49		2.43		4.85		2.65		4.93		40.06	
BURKESVILLE 2 W	2.19		4.72		3.46		6.61		2.65		5.08		3.68		6.45		E 4.72		4.13		2.47		4.60		E 50.76	
CAMPBELLSVILLE 2 SSW	E .99		3.62		2.96		9.11		3.63		3.57		6.66		5.81		8.40		3.57		2.48		4.65		E 55.45	
CANEYVILLE	1.90		3.88		3.46		8.51		1.59		7.18		2.43		3.58		3.10		6.15		2.69		5.98		50.45	
CECILIA	1.30	-3.86	3.93	.07	3.64	-1.14	11.84	7.62	1.29	-2.84	6.38	2.02	6.13	2.01	3.35	-.29	7.17	4.43	5.10	2.56	E 2.63	-.93	5.26	1.50	E 58.02	11.15
EDMONTON	1.88		3.86		3.84		6.64		1.60		3.73		5.13		4.53		4.26		3.32		2.27		4.44		45.50	
GAMALIEL 1 S	1.07		4.53		3.26		7.68		5.02		7.45		4.16		6.09		5.40		3.72		2.94		4.50		55.82	
GLASGOW	E 1.37		3.06		4.29		7.01		2.67		8.11		4.27		3.15		6.13		4.31		1.94		4.11		E 50.42	
GLASGOW WKAY	1.46		3.80		4.32		7.65		2.65		7.20		3.94		2.80		6.00		4.35		2.28		4.41		50.86	
GLENDALE 1 E	.97		3.77		4.01		12.04		1.41		5.14		6.99		2.40		5.69		5.21		2.64		5.74		56.01	
GREENSBURG	1.28	-4.07	4.37	.40	3.44	-1.80	6.33	2.46	3.35	-.93	3.67	-1.16	6.99	2.52	3.86	.00	7.70	4.52	3.51	1.13	2.35	-1.21	4.31	.35	51.16	2.21
GREENSBURG HIWAY 61	1.83		4.54		3.88		6.60		3.63		3.56		5.92		3.89		7.53		3.50		2.65		3.65		51.18	
HODGENVILLE-LINCOLN NP	1.15		4.62		3.02		11.87		1.97		4.51		6.19		3.07		4.81		4.60		3.34		3.05		52.20	
IRVINGTON	E 1.57	-2.89	E 3.49	-.11	4.45	-.17	14.35	10.44	2.48	-1.63	5.32	.90	3.72	.18	4.44	1.30	2.94	.10	5.04	2.63	1.77	-1.65	4.54	1.10	E 54.11	10.20
LEITCHFIELD 2 N	1.42	-3.91	4.87	.88	4.70	-.37	9.15	4.97	1.37	-2.75	7.94	3.44	3.21	-.90	5.30	1.92	3.81	.84	5.86	3.21	2.83	-1.06	5.98	1.96	56.44	8.23
LIBERTY	1.72		4.79		3.40		7.93		2.11		3.16		3.59		9.87		5.91		3.87		2.76		4.05		53.16	
LOUISVILLE	1.23		E 2.73		4.58		9.11		1.99		3.58		4.14		7.42		4.32		5.42		1.76		4.23		E 50.51	
LOUISVILLE WSO R	1.40	-2.70	2.87	-.42	4.52	-.07	11.10	7.28	1.85	-2.05	5.20	1.21	3.33	-.03	7.65	4.68	3.57	.94	4.79	2.54	1.75	-1.45	4.18	.96	52.21	10.89
LOUISVILLE UPPER GAGE	.98		2.25		5.14		8.51		1.28		3.89		6.13		5.23		3.67		5.87		1.86		3.57		48.38	
MAMMOTH CAVE PARK	1.62		4.73		4.11		7.03		2.78		4.24		4.85		2.48		8.16		3.80		2.45		5.27		51.52	
MILLERSTOWN	1.36		2.93		4.86		9.80		2.04		E 4.37		2.91		4.01		3.17		5.69		2.98		5.55		E 49.67	
MUNFORDVILLE	E 1.34		4.25		3.95		6.40		2.30		E 4.73		E 4.01		3.55		6.98		4.71		2.83		4.63		E 49.68	
NOLIN RIVER RESERVOIR	1.14		4.08		3.49		5.91		2.02		6.16		2.63		2.76		4.18		5.30		2.81		5.89		46.37	
ROUGH RIVER DAM	1.17		4.35		4.26		8.78		1.56		6.90		3.47		4.80		2.81		5.53		2.20		5.33		51.16	
SCOTTSVILLE 3 SSW	1.44		5.03		4.72		6.38		4.29		6.00		4.29		9.89		4.36		3.67		2.77		5.07		57.91	
SCOTTSVILLE 2 SW	1.80		3.15		4.30		4.95		4.10		5.61		3.35		8.19		2.47		2.99		2.35		4.25		47.51	
SHEPHERDSVILLE	E .81		E 3.30		E 4.45		8.60		2.09		4.92		E 4.37		1.45		3.10		4.96		3.48		E 4.15		E 45.68	
SUMMER SHADE	1.56		4.26		3.77		5.98		2.32		5.12		7.34		3.53		10.82		3.25		2.67		4.72		55.34	
WOLF CREEK DAM	1.64		4.43		3.13		6.44		1.11		4.33		3.51		5.13		6.99		4.94		3.54		-		-	
WOODBURY LOCK 4	1.03	-4.14	4.28	.35	4.07	-.81	6.21	2.15	1.37	-2.48	4.91	.82	2.52	-1.60	2.52	-1.20	1.57	-1.80	7.80	5.31	2.76	-1.00	4.75	.97	43.79	-3.43
DIVISION	1.37	-3.75	3.96	.12	4.00	-.99	8.82	4.79	2.60	-1.39	5.57	1.25	4.48	.33	4.73	1.19	5.55	2.52	4.54	2.07	2.48	-1.10	4.80	.95	52.90	5.99
* * * BLUE GRASS 03																										
BEREA COLLEGE	1.32	-3.64	4.41	.65	2.91	-1.73	10.16	6.08	2.75	-1.04	3.32	-1.52	4.01	-1.15	5.38	1.26	4.85	2.03	E 2.47	.30	1.74	-1.55	E 4.31	.73	E 47.63	.42
BEREA	1.10		3.14		2.84		10.35		2.74		3.48		4.05		3.82		5.66		2.61		2.91		4.31		47.01	
CARROLLTON LOCK 1	1.27	-2.57	2.08	-.93	4.58	.42	6.86	3.28	2.27	-1.23	5.40	1.26	2.69	-.91	2.45	-1.02	3.57	.74	4.40	2.05	2.34	-.73	4.50	1.89	42.41	2.25
COVINGTON WSO R	1.27	-2.29	1.68	-1.23	4.71	.92	7.19	3.97	1.88	-1.71	5.73	1.84	3.47	-.14	2.96	.36	3.87	1.04	2.44	.18	2.29	-.72	3.32	.57	40.81	2.79
CYNTHIANA	1.31	-2.84	3.00	-.22	3.64	-.91	8.47	4.68	2.73	-.71	2.78	-1.14	3.03	-.77	2.24	-1.09	4.29	1.56	2.11	.05	2.72	-.52	4.39	1.36	40.71	-.55
CYNTHIANA 2	E 1.31		E 2.78		E 4.04		8.20		2.80		2.95		2.94		2.50		4.61		2.12		2.32		4.42		E 40.99	
DANVILLE	1.30	-3.80	4.32	.34	3.34	-1.62	8.80	4.82	2.75	-1.21	4.03	-.66	4.37	-.24	3.25	-.69	6.03	2.96	2.85	.71	3.10	-.22	4.63	1.09	48.77	1.48
DIX DAM	1.38		4.06		3.93		8.92		3.23		2.82		3.69		6.82		7.18		2.91		2.90		4.89		52.73	
FALMOUTH 5 WNW	1.07	-2.82	1.89	-1.36	4.50	-.03	10.25	6.31	2.59	-1.29	3.92	-.51	2.98	-1.28	2.54	-.47	4.00	1.09	3.27	1.04	2.71	-.72	3.15	.11	42.87	.07
FARMERS 1 WNW	.79	-3.66	3.64	.01	3.08	-1.55	7.73	3.86	5.00	.94	2.83	-1.66	5.22	.43	4.24	.13	5.63	2.55	2.88	.62	2.59	-.62	4.59	1.36	48.22	2.41
FLEMINGSBURG	1.57	-2.95	3.25	-.08	3.56	-1.28	6.98	3.05	3.38	-.66	4.03	-.31	4.18	-.46	2.33	-1.60	5.33	2.06	2.88	.75	2.43	-.97	5.32	1.96	45.24	-.49
FLEMINGSBURG 1 SW	1.47		3.00		3.31		6.77		3.06		3.51		4.31		2.25		4.23		2.70		2.26		5.00		41.87	
FORD LOCK 10	.87	-3.54	4.18	.63	2.76	-1.50	7.87	4.21	2.80	-.99	4.07	-.43	3.29	-1.89	E 6.18	2.34	5.64	2.80	2.82	.78	3.17	.03	5.19	1.88	E 48.84	4.32
FRANKFORT LOCK 4	.76	-3.56	2.82	-.40	3.63	-.85	6.92	2.90	3.86	-.07	4.10	.03	2.05	-2.45	2.31	-1.13	8.11	5.40	3.63	1.26	2.16	-1.22	4.56	1.45	44.91	1.36
GEORGETOWN WATER WORKS	.65		2.14		4.19		7.72		4.52		2.61		3.28		2.33		7.54		1.64		1.93		5.02		43.57	
GEST LOCK 3	1.26	-2.76	2.40	-.69	4.21	-.20	8.95	5.08	4.71	1.10	3.28	-.87	3.02	-1.33	3.13	-.16	5.16	2.24	3.47	1.30	2.30	-.88	4.35	1.43	46.24	4.26
HIGH BRIDGE LOCK 7	.72	-4.07	3.94	.20	3.94	-.61	7.81	3.96	1.60	-2.10	4.48	-.20	4.86	.39	4.94	1.47	7.48	4.42	2.54	.40	3.12	-.20	5.17	1.82	50.60	5.48
KEENE 1 SSW	.91		3.15		5.16		9.94		2.89		4.53		3.64		5.13		5.46		2.59		3.44		6.06		52.90	

See Reference Notes Following Station Index

TABLE 2 - CONTINUED

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
LA GRANGE 1 ESE	1.87		3.72		5.39		9.17		2.94		2.90		2.75		5.49		5.26		3.84		2.39		3.62		49.34	
LANCASTER	1.41	-3.82	4.77	.56	3.27	-1.94	9.59	5.79	2.53	-1.52	4.90	.18	2.92	-2.39	5.31	1.47	6.59	3.68	3.45	1.24	2.96	-.64	5.11	1.32	52.81	3.93
LEXINGTON WSO R	.95	-3.99	3.60	.18	4.72	-.03	9.30	5.26	3.18	-.67	3.81	-.91	3.39	-.59	2.61	-.60	5.71	2.91	2.37	.09	2.35	-.94	5.51	2.06	47.50	2.77
LITTLE HICKMAN LOCK 8	.81	-4.02	4.47	.61	3.49	-1.25	8.83	5.11	2.95	-.82	2.36	-2.37	4.76	.10	5.11	1.16	5.85	3.01	2.69	.68	2.79	-.42	5.11	1.69	49.22	3.48
LOCKPORT LOCK 2	1.04	-3.45	2.43	-1.02	4.71	.04	11.78	7.48	4.27	.25	4.64	.17	2.25	-1.77	1.90	-1.37	7.66	4.66	3.08	.65	2.98	-.49	3.87	.60	50.61	5.75
MAYSVILLE SEWAGE PLANT	2.09	-2.08	2.78	-.61	5.14	.66	7.39	3.61	2.58	-1.12	3.81	-.37	4.14	-.33	3.69	-.35	4.31	1.19	1.77	-.57	2.98	-.16	4.18	.99	44.86	.86
MIDWAY	.79		3.89		3.80		7.08		3.09		2.88		3.34		2.32		7.35		2.72		2.44		5.54		45.24	
MOUNT STERLING	.93	-3.96	4.35	.67	3.15	-1.70	8.07	3.93	4.10	.13	3.72	-.81	3.83	-1.30	6.28	2.73	2.91	-.07	2.52	.27	2.97	-.13	5.11	1.53	47.94	1.29
OWENTON	-		-		6.54		7.32		3.20		4.48		2.37		.92		4.61		3.14		2.75		4.32		-	
OWENTON 2 S	-		-		-		-		-		-		-		-		-		-		-		-		-	
RICHMOND	1.27		4.54		3.16		7.39		1.93		3.07		3.07		5.30		5.19		3.40		3.17		6.34		47.83	
SALVISA LOCK 6	1.45	-3.69	3.99	.15	5.00	.02	10.38	6.39	4.25	.47	4.90	.46	4.29	.11	5.24	1.16	5.34	2.05	2.64	.32	3.33	-.20	6.31	2.83	57.12	10.07
SHELBYVILLE	1.26	-3.42	2.65	-.89	4.78	-.34	9.29	5.10	3.67	-.34	3.92	-.52	2.90	-.99	4.80	1.18	5.38	2.43	4.09	1.60	2.46	-1.18	4.52	1.06	49.72	3.69
SPRINGFIELD	.88		4.19		3.63		12.26		3.03		4.16		2.19		3.45		4.82		3.46		3.67		5.54		51.28	
TAYLORSVILLE	1.06		2.79		4.37		9.19		6.49		5.27		5.05		5.84		6.22		E 4.15		2.41		5.20		E 58.04	
TYRONE LOCK 5	.73	-3.98	3.69	.09	3.73	-1.06	9.49	5.39	3.83	.19	4.15	-.06	2.53	-1.65	2.74	-1.05	8.85	5.83	3.69	1.31	2.55	-.96	5.88	2.39	51.86	6.44
VALLEY VIEW LOCK 9	.81	-3.85	4.21	.42	3.07	-1.39	9.27	5.74	1.75	-1.92	3.28	-1.21	3.72	-1.48	7.30	3.02	5.04	1.93	2.10	.10	2.74	-.55	4.64	1.24	47.93	2.05
WARSAW MARKLAND DAM	.97	-3.03	1.96	-1.32	4.70	.30	5.77	1.89	2.31	-1.33	4.40	.23	4.43	.55	1.75	-1.63	4.53	1.66	4.10	1.82	2.29	-.74	3.42	.53	40.63	-1.07
WAYNESBURG 7 NE	1.04		4.03		2.64		9.04		2.35		4.31		2.35		5.81		3.97		3.85		2.92		3.70		46.01	
WILLIAMSTOWN 3 NW	1.03	-3.08	1.86	-1.53	4.68	.09	9.38	5.38	3.66	-.30	3.90	-.35	3.48	-.54	2.39	-.84	2.76	-.35	3.07	.70	2.60	-.68	4.88	1.87	43.69	.37
DIVISION	1.19	-3.44	3.14	-.42	4.08	-.55	8.14	4.24	3.01	-.88	3.90	-.54	3.46	-1.14	3.59	-.08	4.81	1.87	3.05	.76	2.57	-.70	4.49	1.13	45.43	.25
* * *																										
EASTERN 04																										
ASHLAND	E 1.18	-2.60	2.36	-.71	3.63	-.52	4.09	.70	3.17	-.78	5.20	1.34	4.60	.56	4.30	.98	2.95	.14	4.78	2.88	2.33	-.37	4.39	1.56	E 42.98	3.18
BARBOURVILLE	1.20		4.87		3.11		6.89		2.12		5.68		2.32		6.17		7.03		E 5.08		2.22		4.07		E 50.76	
BAXTER	1.91		4.30		3.53		6.55		2.37		9.16		1.38		4.30		5.10		4.16		2.27		4.30		49.33	
BLAINE	.99		E 3.52		E 3.72		5.15		2.57		E 3.95		2.86		3.93		5.10		5.80		1.81		3.64		E 43.04	
BUCKHORN	1.07		3.60		2.80		5.20		2.07		3.07		2.04		4.24		6.79		4.24		2.48		3.22		40.82	
BURDINE 2 NE	2.22		4.45		1.89		5.12		2.36		E 2.18		E 2.49		2.93		4.22		4.38		2.05		3.36		E 37.65	
CLAY CITY 1 WNW	.93		4.25		3.37		9.59		3.03		2.04		3.94		8.46		3.51		3.28		3.03		4.68		50.11	
COLLEGE HILL LOCK 11	1.02	-3.41	3.87	.28	2.24	-2.17	8.22	4.61	2.36	-1.27	3.99	-.23	2.47	-2.69	7.48	3.57	4.89	2.14	3.09	1.11	2.66	-.53	4.35	1.02	46.64	2.43
CUMBERLAND	2.11		4.60		4.92		6.65		2.33		3.01		3.47		4.66		E 4.50		E 4.16		3.05		4.87		E 48.33	
CUMBERLAND FALLS ST PK	1.28		4.17		2.45		4.99		1.11		3.07		1.17		6.00		7.09		4.61		1.71		3.88		41.53	
DEWEY DAM	1.00		3.53		3.16		5.74		2.29		3.06		4.44		4.51		4.36		6.7[illegible]		2.36		2.33		43.54	
ELKHORN CITY	1.70		3.36		2.25		5.28		3.15		1.38		3.48		3.90		4.16		3.33		1.98		2.17		36.14	
FISHTRAP RESERVOIR	1.45		3.95		2.77		5.18		3.65		1.43		3.09		3.54		5.58		4.39		2.15		2.20		39.38	
FREEBURN 2 SW	1.18		4.62		2.87		5.04		3.45		3.50		4.03		3.65		5.28		3.7[illegible]		2.38		2.93		42.72	
FRENCHBURG	.74		E 3.00		4.57		7.80		3.46		1.52		4.12		8.30		5.65		3.11		2.72		5.47		E 50.46	
GRAYSON 5 SE	.97		3.56		3.45		4.32		2.57		2.37		5.48		4.71		2.28		4.67		2.23		4.32		40.93	
GRAYSON RESERVOIR	.84		2.75		2.71		4.59		2.77		1.74		6.57		4.54		1.81		4.8[illegible]		2.13		4.10		39.41	
HAZARD WATER WORKS	1.70		4.85		3.74		5.87		2.69		4.64		3.24		4.48		6.10		6.05		2.50		3.90		49.76	
HEIDELBERG LOCK 14	1.26	-3.31	3.60	-.40	2.65	-2.06	9.13	5.46	2.70	-.99	1.99	-2.40	3.67	-1.47	5.22	1.21	4.81	2.03	4.85	2.82	2.34	-.97	3.39	.11	45.61	.03
HINDMAN 11 NNE	1.22		3.38		2.81		6.27		2.81		2.91		2.35		4.99		6.30		5.36		2.58		4.01		44.99	
HYDEN	1.47		4.60		3.54		6.02		1.77		4.76		.89		6.52		5.00		6.50		2.68		3.85		47.60	
JACKSON	1.16		4.11		3.35		7.66		2.29		3.71		2.08		5.97		6.65		4.87		2.12		4.13		48.10	
JEREMIAH	1.54		4.31		3.48		4.85		2.19		2.83		4.07		5.08		3.80		4.14		2.01		3.69		41.99	
LLOYD GREENUP DAM	1.04	-2.69	2.10	-.97	3.17	-.95	6.44	2.71	3.72	-.16	2.96	-1.18	3.57	-.79	3.93	.39	3.68	.69	4.2[illegible]	2.05	2.15	-.51	3.72	.90	40.77	-.51
LONDON FAA AP	1.74		4.07		2.88		6.31		1.62		3.47		1.18		6.08		4.94		4.24		1.76		3.90		42.19	
LOUISA 2	.99		3.94		2.88		4.60		2.70		1.55		5.79		3.37		4.73		5.81		2.18		3.63		42.17	
MANCHESTER 4 SE	1.32		4.23		2.94		7.55		2.46		3.01		2.41		5.34		6.22		5.01		2.90		3.61		47.00	
MARTIN	1.91		3.50		4.29		7.13		1.74		E 2.50		E 3.70		E 4.74		4.22		5.32		E 2.21		E 3.45		E 44.71	
MC KEE	1.37		4.15		3.59		8.06		4.14		3.25		3.49		6.02		5.74		4.15		2.83		4.27		51.06	
MIDDLESBORO	1.71		4.10		3.17		7.05		1.74		4.92		1.90		7.07		3.43		5.75		2.01		3.42		46.27	
MONTICELLO	1.71		4.05		3.04		5.94		.99		5.77		3.60		8.52		5.69		5.20		3.03		3.82		51.36	
MOUNT VERNON	1.59		4.17		3.63		9.23		2.62		4.39		2.25		4.98		3.28		3.82		3.06		3.94		46.96	
ONEIDA	1.25		3.93		2.83		5.98		2.27		3.87		E 2.63		5.13		4.98		5.17		3.12		3.26		E 44.42	
PAINTSVILLE 1 S	1.19		3.36		2.90		6.33		2.76		2.66		4.53		4.26		5.02		6.04		E 2.13		2.53		E 43.71	
PIKEVILLE	1.21	-2.56	4.77	.97	2.99	-1.53	3.89	.24	3.42	-.59	1.54	-2.86	4.31	-.88	4.69	.74	6.12	3.08	4.46	2.37	1.68	-.95	4.00	.83	43.08	-1.14
PINEVILLE 4 NW	1.65		4.22		3.04		6.55		2.34		5.62		5.04		8.22		3.99		5.56		2.69		4.05		52.97	
RAVENNA LOCK 12	.78	-3.54	3.77	.32	2.49	-1.92	9.12	5.34	3.72	.12	2.06	-2.10	1.87	-3.39	4.25	.01	5.81	2.90	2.98	1.04	2.98	-.28	3.63	.60	43.46	-.90
SALYERSVILLE 2 SE	1.39		4.22		2.37		7.15		3.37		3.27		2.74		5.01		5.27		5.1[illegible]		2.24		2.90		45.09	
SOMERSET 2 N	E 2.07		3.82		2.25		7.14		1.63		4.37		2.71		9.40		6.49		4.13		2.88		4.36		E 51.25	
STEARNS	1.36		3.95		3.04		5.57		.92		4.22		2.36		-		-		-		-		-		-	
STEARNS 1 W	-		-		-		-		-		-		-		-		8.07		-		1.81		-		-	
TILFORD	E 2.27		E 4.26		2.85		6.51		2.94		1.24		1.76		6.55		4.59		6.13		3.17		2.98		E 45.25	
TOMAHAWK 1 WSW	1.64		4.62		4.82		5.84		2.13		4.13		6.46		4.76		4.72		6.74		3.10		3.20		52.16	
VANCEBURG	E 1.86	-2.25	E 2.17	-1.23	E 3.88	-.59	7.01	3.32	4.80	.71	3.45	-.85	4.57	.01	3.51	-.18	4.88	2.18	3.1[illegible]	.82	3.04	-.04	E 3.61	.50	E 45.88	2.40
WEST LIBERTY	.99		3.42		3.43		6.71		3.25		2.16		2.11		4.92		6.07		4.51		1.92		4.34		43.83	
WILLIAMSBURG 1 E	1.79	-2.87	3.73	-.69	2.51	-2.28	5.96	2.02	1.83	-2.20	4.58	.66	1.68	-3.22	6.68	2.91	6.10	3.41	6.84	4.49	2.04	-1.39	3.59	-.25	47.33	.59
WILLOW LOCK 13	E .80	-4.10	3.98	-.28	2.71	-2.21	8.94	5.25	2.42	-1.43	2.43	-2.00	4.09	-.91	4.95	.75	6.21	3.37	3.88	1.76	2.36	-1.09	3.38	-.15	E 46.1[illegible]	-1.04
DIVISION	1.45	-3.05	3.90	-.13	3.34	-1.36	6.45	2.70	2.44	-1.54	3.96	-.31	3.02	-1.74	5.53	1.73	5.24	2.43	5.0[illegible]	2.72	2.42	-.79	3.89	.26	46.64	.92

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN ALL THE 1970 MONTHLY ISSUES OF THIS BULLETIN.

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
* * *																													
WESTERN 01																													
BARDWELL 4 E	101	8- 3	-10	1- 7	2-26	15	3-16	20	3-16	20	3-27	27	4- 6	32	10-17	32	11- 6	28	11-16	19	11-16	19	11-24	11	271	245	245	224	194
BEAVER DAM	97	7- 2	-12	1-10	3-16	13	3-16	13	3-16	13	4- 7	27	4- 7	27	10- 4	32	11-16	20	11-16	20	11-16	20	11-24	12	253	245	245	223	180
FORDS FERRY DAM 50	100	7- 2	- 5	1-22+	2-26	14	3-16	20	3-16	20	3-16	20	4- 2	31	11- 4	32	11-15	27	11-16	21	11-23	16	11-23	16	270	252	245	244	216
GILBERTSVILLE KY DAM	99	8- 1	- 7	1- 7	2-26	12	3-16	18	3-16	18	3-27	28	3-27	28	11-16	24	11-16	24	11-16	24	11-23	20	11-24	13	271	252	245	234	234
GOLDEN POND 8 N	96	9- 8+	- 8	1-10	2-26	15	2-27	18	3-16	21	3-16	21	3-27	31	11- 4	32	11-16	24	11-16	24	11-24	12	11-24	12	271	270	245	245	222
GREENVILLE 2 W	98	9- 1	- 8	1-10+	3-16	15	3-16	15	3-16	15	3-27	26	4- 8	31	10-17	30	11-16	19	11-16	19	11-16	19	11-24	10	253	245	245	234	192
HENDERSON 7 SSW	97	7- 2	- 5	1-21	2-26	14	3-16	19	3-16	19	3-16	19	3-29	30	11-16	22	11-16	22	11-16	22	11-23	18	11-24	14	271	252	245	245	232
HICKMAN 1 E	101	7- 2	- 3	1- 8	2-26	15	2-26	15	3-16	21	3-27	28	3-27	28	11- 6	32	11-16	20	11-16	20	11-16	20	11-24	14	271	263	245	234	224
HOPKINSVILLE	99	8- 2	- 5	1- 7	2-27	13	3-17	20	3-17	20	3-17	20	4- 3	32	11- 6	32	11-16	23	11-16	23	11-24	11	11-24	11	270	252	244	244	217
LOVELACEVILLE	98	8- 3+	-10	1- 7	2-26	13	3-16	18	3-16	18	3-27	26	4- 7	32	11- 4	30	11- 6	28	11-16	18	11-16	18	11-24	11	271	245	245	224	211
MADISONVILLE 1 SE	97	7- 2	- 6	1-21	2-26	13	3-16	17	3-16	17	3-16	17	4- 7	32	10-17	31	11-16	21	11-16	21	11-23	19	11-24	10	271	252	245	245	193
MAYFIELD RADIO WNGO	97	8- 3+	- 6	1- 9+	2-26	11	2-26	11	3-27	24	3-27	24	4- 7	31	10-17	31	11-16	18	11-16	18	11-16	18	11-24	11	271	263	234	234	193
MURRAY	98	7- 2	- 5	1- 7	2-27	16	3-16	19	3-16	19	3-16	19	3-18	32	11- 6	32	11-16	20	11-16	20	11-16	20	11-24	12	270	245	245	245	233
OWENSBORO 2 W	99	7- 2	- 4	1-21+	2-26	14	3-16	18	3-16	18	3-29	28	4- 5	29	11- 4	32	11-16	23	11-16	23	11-23	20	11-24	12	271	252	245	232	213
PADUCAH FAA AIRPORT	99	8- 3	- 4	1-21	2-26	16	2-26	16	3-16	21	3-16	21	3-30	32	11- 4	31	11-15	25	11-16	20	11-16	20	11-23	15	270	263	245	244	219
PADUCAH SEWAGE PLANT	100	8- 4+	- 5	1- 21	2-26	15	3-16	20	3-16	20	3-16	20	3-27	29	11- 6	32	11-16	22	11-16	22	11-24	12	11-24	12	271	253	245	245	224
PRINCETON 1 SE	97	8- 1	- 7	1- 7	3-16	16	3-16	16	3-16	16	3-27	28	4- 7	30	11- 4	31	11-16	20	11-16	20	11-16	20	11-24	10	253	245	245	234	211
ROCHESTER LOCK 3	96	7- 3	- 6	1-11	3-17	15	3-17	15	3-17	15	-		4- 8	31	-		11-16	24	11-16	24	11-24	15	11-24	15	252	252	244	-	-
RUSSELLVILLE	96	8- 2	- 8	1-10	3-16	14	3-17	19	3-17	19	3-27	26	4-15	32	10-17	32	11-16	21	11-16	21	11-23	20	11-24	11	253	251	244	234	185
* * *																													
CENTRAL 02																													
ANCHORAGE	98	7- 2	- 5	1-22+	3-16	15	3-16	15	3-16	15	3-30	28	4- 7	29	10-17	30	11-17	25	11-23	16	11-23	16	11-23	16	252	252	252	232	193
BARDSTOWN	96	7- 2	-13	1-10	3-16	15	3-16	15	3-17	23	4- 5	28	4- 5	28	10-17	28	10-17	28	11-17	23	11-23	17	11-24	11	253	252	245	195	195
BARREN RIVER RESERVOIR	98	7- 3	- 9	1-10	3-17	15	3-17	15	3-17	15	4- 7	28	5- 4	31	11- 6	32	11-17	25	11-23	23	11-24	11	11-24	11	252	252	251	224	186
BERNHEIM FOREST	97	7- 2	-14	1-10	3-16	11	3-16	11	3-16	11	4- 7	26	4-11	32	10-16	32	11-16	27	11-17	22	11-23	18	11-24	11	253	252	246	223	188
BOWLING GREEN FAA AP	99	8- 1	- 9	1-10	2-26	14	3-16	17	3-16	17	3-27	27	4-15	32	10-17	32	11-16	26	11-17	23	11-23	15	11-23	15	270	252	246	234	185
BRADFORDSVILLE	98	7- 3	-16	1-10	3-16	10	3-16	10	4- 5	24	4- 8	28	5- 7	31	10- 4	32	10-17	25	11-17	20	11-17	20	11-24	9	253	246	226	192	150
CAMPBELLSVILLE 2 SSW	100	7- 2	-11	1-10	3-16	15	3-16	15	3-16	15	4- 5	28	4- 5	28	10-17	29	11-17	24	11-17	24	11-23	19	11-24	9	253	252	246	226	195
CECILIA	95	7- 2	-12	1-10	3-16	15	3-16	15	3-16	15	4- 7	28	4- 7	28	10-17	30	11-16	26	11-17	24	11-23	12	11-23	12	252	252	246	223	193
GLASGOW WKAY	95	7- 2	- 7	1- 7	3-16	14	3-16	14	3-27	24	3-28	28	4- 7	32	10-17	32	11-16	28	11-17	22	11-23	18	11-24	9	253	252	235	233	193
GREENSBURG	98	7- 3	- 9	1-10	3-16	15	3-17	17	3-17	17	4- 3	27	4- 8	31	10-17	31	11-17	23	11-17	23	11-24	11	11-24	11	253	252	245	228	192
HODGENVILLE-LINCOLN NP	97	7- 3+	-11	1-10	3-16	12	3-30	20	3-30	20	4- 7	28	4- 7	28	10-17	30	11-16	27	11-23	18	11-23	18	11-24	11	253	238	238	223	193
IRVINGTON	97	7- 3	-11	1-10	3-16	12	3-16	12	3-27	24	4- 7	26	4-10	32	10- 4	32	10-17	27	11-16	22	11-23	17	11-24	10	253	252	234	193	177
LEITCHFIELD 2 N	98	7- 2	-10	1- 9	3-16	12	3-16	12	3-16	12	4- 7	28	4- 8	31	10-17	29	11-16	25	11-17	22	11-23	17	11-24	10	253	252	246	223	192
LOUISVILLE	101	7- 3	- 4	1- 8	2- 4	2	2-26	17	3-16	22	3-16	22	3-30	31	11-16	30	11-23	17	11-23	17	11-23	17	11-24	14	293	270	252	252	231
LOUISVILLE WSO	97	7- 2	- 2	1-21+	2-26	12	3-16	17	3-16	17	3-16	17	4- 5	31	11- 6	31	11-17	25	11-23	16	11-23	16	11-23	16	270	252	252	246	215
MAMMOTH CAVE PARK	96	7- 2	-12	1-10	3-16	10	3-16	10	3-27	24	5- 4	28	5- 4	28	10-17	28	10-17	28	11-17	22	11-23	18	11-24	6	253	252	235	166	166
NOLIN RIVER RESERVOIR	97	7- 3	-10	1-11+	3-16	12	3-17	19	3-17	19	4- 8	28	4- 8	28	10-17	31	11-16	27	11-17	22	11-24	11	11-24	11	253	252	245	222	192
ROUGH RIVER DAM	98	7- 3	-12	1-10	3-17	15	3-17	15	3-17	15	4- 7	28	4- 8	32	10-17	31	11-16	22	11-16	22	11-23	20	11-24	10	252	251	244	223	192
SCOTTSVILLE 3 SSW	95	7- 2	- 5	1- 9+	2-26	12	3-16	18	3-16	18	3-16	18	4- 3	31	11-16	26	11-16	26	11-23	18	11-23	18	11-24	9	271	252	252	245	227
SUMMER SHADE	94	7- 2	-11	1- 7	3-16	14	3-16	14	3-16	14	4- 3	28	4-15	32	10-17	32	11-17	23	11-17	23	11-23	15	11-23	15	252	252	246	228	185
WOLF CREEK DAM	96	7- 3	- 6	1-10	3-17	12	3-17	12	4- 4	24	4- 8	28	4-11	32	10-10	31	11-17	26	11-23	24	11-24	12	11-24	12	252	252	233	223	182
* * *																													
BLUE GRASS 03																													
BEREA COLLEGE	97	9-15+	- 7	2- 4+	3-16	15	3-16	15	3-16	15	3-28	28	4- 7	32	10-17	31	11-17	26	11-23	17	11-23	17	11-24	10	253	252	252	234	193
CARROLLTON LOCK 1	98	7- 2	- 6	1-22	3-16	14	3-16	14	3-16	14	4- 5	27	4- 5	27	10-17	31	11-17	24	11-17	24	11-23	16	11-23	16	252	252	246	226	195
COVINGTON WSO	100	7- 2	- 5	1-21	3-16	9	3-16	9	3-17	24	4- 5	28	4-11	32	10-17	29	11-16	28	11-23	16	11-23	16	11-23	16	252	252	251	225	189
CYNTHIANA 2	101	7- 3	-10	1- 7	3-17	16	3-17	16	3-17	16	4-11	28	4-11	28	10-17	26	10-17	26	11-16	23	11-23	19	11-24	10	252	251	244	189	189
DANVILLE	97	7- 3	- 5	2- 4+	3-17	16	3-17	16	3-17	16	4- 5	28	4- 6	30	10-17	31	11-17	23	11-17	23	11-23	20	11-24	11	252	251	245	226	194
DIX DAM	98	7- 3+	- 8	1-10	3-16	15	3-16	15	3-16	15	4- 3	28	4- 7	32	10-17	32	11-16	27	11-23	18	11-23	18	11-24	9	253	252	252	227	193
FALMOUTH 5 WNW	99	7- 2	-13	1-10	3-16	8	4- 5	18	4- 5	18	4-11	26	5- 7	32	9-29	32	10-16	28	10-17	23	11-16	20	11-23	15	252	225	195	188	145
FARMERS 1 WNW	98	7-15+	-10	1-10	3-16	12	3-16	12	4- 5	24	4- 5	24	4-11	29	10-17	29	11-16	25	11-17	21	11-23	18	11-24	12	253	252	226	225	189
FLEMINGSBURG 1 SW	97	7- 2	-10	2- 4	3-16	14	3-16	14	3-17	23	4- 5	25	4-11	30	10-17	27	10-17	27	11-16	23	11-23	14	11-23	14	252	252	244	195	189
FRANKFORT LOCK 4	98	7- 3	- 5	1-22+	3-17	15	3-17	15	3-17	15	4- 5	28	4-12	32	10-17	32	11-16	28	11-17	24	11-23	20	11-24	12	252	251	245	225	188
LEXINGTON WSO	97	7- 2	- 8	1-21	3-16	12	3-16	12	3-16	12	4- 5	28	4- 7	31	10-17	29	11-15	27	11-17	24	11-23	12	11-23	12	252	252	246	224	193
MAYSVILLE SEWAGE PLANT	99	7- 3	- 6	1- 9	3-17	16	3-17	16	3-17	16	4- 5	26	4-12	32	10- 4	31	11-16	27	11-17	23	11-23	19	11-24	10	252	251	245	225	175
MOUNT STERLING	98	7- 2	- 6	2- 4+	3-16	16	3-16	16	3-30	21	4- 5	27	4-11	31	10-17	30	11-16	25	11-17	23	11-23	18	11-24	10	253	252	232	225	189
OWENTON	94	7- 3		-	3-16	16	3-17	18	3-29	24	3-30	26	4- 6	31	11-15	31	11-17	26	11-23	17	11-23	17	11-24	12	253	251	239	232	223
OWENTON 2 S		-		-	-		-		-		-		-		-		-		-		-		-		-	-	-	-	-
RICHMOND	99	7- 3	- 9	1-21	3-16	13	3-16	13	3-16	13	3-27	25	4- 7	31	10-17	30	11-16	27	11-17	23	11-23	19	11-24	8	253	252	246	234	193
SHELBYVILLE	98	7- 3	- 9	1- 9	3-17	14	3-17	14	3-17	14	4- 5	28	4- 8	32	10-17	32	11-17	24	11-17	24	11-23	18	11-24	12	252	251	245	226	192
WARSAW MARKLAND DAM	99	7- 3	- 9	1-23+	3-17	14	3-17	14	3-17	14	4- 5	28	5- 7	32	9-30	32	11-17	23	11-17	23	11-23	20	11-24	14	252	251	245	226	146
WAYNESBURG 7 NE	93	7- 2	-10	1-21+	3-16	12	3-16	12	3-16	12	3-27	25	4- 7	31	10-17	29	11-17	22	11-17	22	11-23	16	11-23	16	252	252	246	235	193
WILLIAMSTOWN 3 NW	98	7- 2	- 7	1-21+	3-16	13	3-16	13	3-30	24	4- 5	28	4- 7	32	10-16	31	11-16	23	11-16	23	11-23	14	11-23	14	252	252	231	225	192
* * *																													
EASTERN 04																													
ASHLAND	96	7- 2	- 6	2- 4+	3-17	14	3-17	14	4- 5	22	4-11	28	5- 8	30	10-17	29	11-16	27	11-17	22	11-24	11	11-24	11	252	252	226	219	162
BARBOURVILLE	95	8- 2	-13	1-10	3-17	15	3-17	15	3-17	15	4- 8	27	4-11	32	-		11-17	20	11-17	20	11-17	20	11-24	10	252	245	245	223	-
BAXTER	94	7- 2	- 7	1-23+	3-17	13	3-17	13	3-17	13	4- 9	27	4-12	32	10-17	29	11-17	20	11-17	20	11-17	20	11-24	12	252	245	245	222	188
BLAINE	97	7- 2	-15	1-22	3-17	10	3-28	18	4- 9	23	4-12	25	5- 7	29	10- 4	31	10-17	26	10-18	24	11-17	18	11-24	8	252	234	192	188	150
CUMBERLAND	95	8- 4	-15	1-22	3-16	10	3-16	10	4- 8	24	4- 8	24	5- 7	29	-		10-17	27	11-17	17	11-17	17	11-24	6	253	246	223	192	-
DEWEY DAM	98	8- 1	-11	1-22	3-17	14	3-18	20	3-29	24	4- 9	27	5- 8	31	10-17	30	11-17	22	11-17	22	11-24	14	11-24	14	252	251	233	222	162
GRAYSON 5 SE	101	7- 3	-14	2- 4	3-17	9	3-17	9	4- 6	22	4-12	26	5- 8	30	10- 4	31	10-17	26	11-16	23	11-17	19	11-24	10	252	245	224	188	149
HEIDELBERG LOCK 14	97	7- 3+	-12	1-10	3-16	10	3-16	10	3-27	23	4-11	28	5- 7	31	10-17	29	10-18	28	11-17	19	11-17	19	11-24	10	253	246	235	190	163
HINDMAN 11 NNE	95	8- 4+	- 9	2- 4+	3-17	13	3-17	13	3-28	24	4- 8	26	5- 8	32	10-17	28	10-17	28	11-17	20	11-17	20	11-24	13	252	245	234	197	162
HYDEN	94	7-29+	-13	1-11+	3-17	11	3-17	11	3-17	11	4- 9	28	4-12	32	10-17	31	11-17	20	11-17	20	11-17	20	11-24	12	252	245	245	222	188
JACKSON	98	8- 3+	- 7	1-11+	3-17	14	3-17	14	3-17	14	4- 8	28	4-12	32	10-17	31	11-17	21	11-17	21	11-24	13	11-24	13	252	252	245	223	188
LONDON FAA AP	96	8- 1	-15	1-10	3-16	10	3-16	10	3-27	24	3-28	26	4-11	32	10-17	30	11-16	24	11-16	24	11-23	13	11-23	13	252	252	234	233	189
MANCHESTER 4 SE	95	8- 1	-13	1-10	3-16	10	3-16	10	3-28	23	4- 8	26	5- 7	32	10-17	29	11-17	19	11-17	19	11-17	19	11-24	10	253	246	234	223	163
MC KEE	94	7-15+	-14	1-11+	3-17	8	3-17	8	3-28	23	4-11	27	5- 7	30	10- 4	32	10-17	26	11-17	17	11-17	17	11-24	7	252	245	234	189	150

See Reference Notes Following Station Index

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
MIDDLESBORO	94	8- 3+	- 6	1-23+	3-17	13	3-17	13	3-17	13	4- 8	28	4-11	32	10-17	29	10-18	28	11-17	20	11-17	20	11-24	11	252	245	245	193	189
MONTICELLO	97	7-27	-11	1-10	3-16	13	3-16	13	3-27	24	4- 3	26	4-12	32	10-17	31	11-17	23	11-17	23	11-23	17	11-24	10	253	252	235	228	188
MOUNT VERNON	95	8- 2+	-12	1-10	3-16	10	3-16	10	3-16	10	3-28	26	4- 7	31	10-17	28	10-17	28	11-17	21	11-23	17	11-24	10	253	252	246	203	193
PIKEVILLE	98	7-15+	- 3	2- 4+	3-16	15	3-16	15	3-17	23	3-28	28	4- 8	30	10-17	30	11-17	22	11-17	22	11-23	20	11-24	13	253	252	245	234	192
SOMERSET 2 N	95	8- 1+	-14	1-10	3-16	12	3-16	12	3-28	23	4- 3	28	4- 8	29	10-17	28	10-17	28	11-17	22	11-23	17	11-24	10	253	252	234	197	192
STEARNS	92	8- 4+	- 9	1- 9	3-17	16	3-17	16	4- 4	24	4- 4	24	4- 5	29	-		-		-		-		-		-	-	-	-	-
STEARNS 1 W		-		-	-		-		-		-		-		-		-		11-17	20	11-17	20	11-24	9	-	-	-	-	-
TOMAHAWK 1 WSW	95	7- 2	-13	1-23+	3-17	11	4- 8	19	4- 8	19	4-11	26	5- 8	29	10- 5	32	10-17	25	11-17	20	11-17	20	11-24	10	252	223	223	189	150
VANCEBURG	96	7- 2+	- 9	1-22	3-16	6	3-17	18	4- 5	21	4-11	27	5- 7	30	10- 4	32	10-17	25	11-17	20	11-17	20	11-24	11	253	245	226	189	150
WEST LIBERTY	98	7- 3	-11	1-11+	3-17	11	3-17	11	3-28	23	4-12	28	5- 8	32	10-17	29	10-18	28	11-17	20	11-17	20	11-24	11	252	245	234	189	162
WILLIAMSBURG 1 E	93	8- 3	- 9	1-10	3-16	14	3-16	14	3-16	14	4- 3	28	4-11	32	10-17	31	11-18	25	-		-		11-24	11	254	-	-	229	189

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * * WESTERN 01														
MADISONVILLE 1 SE	EVAP	-	-	-	6.70B	8.22	6.97B	8.71B	6.58B	5.97	-	-	-	-
	WIND	-	-	-	2611	1837	1308	1070	834	1238	-	-	-	-
	MAX	-	-	-	77.6	85.6	89.0	93.2	94.1	88.5	-	-	-	-
	MIN	-	-	-	48.3	59.3	65.3	67.5	69.9	66.4	-	-	-	-
* * * CENTRAL 02														
NOLIN RIVER RESERVOIR	EVAP	-	-	-	5.46B	7.22B	6.97B	7.82	6.56B	5.88	3.12B	-	-	-
	WIND	-	-	-	2067	1271	1156	1046	880	1189	1046	-	-	-
WOLF CREEK DAM	EVAP	-	-	-	-	5.77	4.95	5.50	5.24B	3.42B	-	-	-	-
	DEP	-	-	-	-	.19	1.83	1.50	.79	1.45	-	-	-	-
	WIND	-	-	-	-	589	529	441	317	414	-	-	-	-
	MAX	-	-	-	-	86.4	89.4	91.6	93.2	88.5	-	-	-	-
	MIN	-	-	-	-	56.0	64.3	65.6	68.9	65.9	-	-	-	-
* * * BLUE GRASS 03														
DIX DAM	EVAP	-	-	-	7.35B	7.60B	5.81B	8.25B	-	4.68B	3.16B	-	-	-
	DEP	-	-	-	2.92	2.07	.21	1.69	-	.05	.25	-	-	-
	WIND	-	-	-	2222B	1300B	-	-	650	602	716	-	-	-
	MAX	-	-	-	73.1	89.4	89.5	91.7	89.8	86.6	69.7	-	-	-
	MIN	-	-	-	47.9	58.9	65.0	67.9	68.4	66.7	52.6	-	-	-
* * * EASTERN 04														
BUCKHORN	EVAP	-	-	-	4.49B	6.14B	5.48B	5.89	4.81	3.96B	2.53B	-	-	-
	WIND	-	-	-	1460B	811	656	678	464	552	470	-	-	-
	MAX	-	-	-	72.0	86.1	90.3	92.2	92.4	86.2	76.3	-	-	-
	MIN	-	-	-	47.4	58.3	65.6	67.4	69.9	67.0	54.0	-	-	-
DEWEY DAM	EVAP	-	-	-	-	4.62	3.81B	3.90B	3.89B	2.11B	1.41B	-	-	-
	WIND	-	-	-	-	334	312	277	169	169	211	-	-	-
	MAX	-	-	-	-	83.8	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	56.6	-	-	-	-	-	-	-	-

SOIL TEMPERATURES

Station	Depth (IN)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
BARDSTOWN																												
	4		34.3	44 32	35.4	43 33	43.9	50 37	-	78 43	70.3	87 44	77.5	88 69	80.2	88 70	79.1	86 73	75.1	81 61	62.1	79 54	48.6	59 36	43.3	55 34	-	88 32
	20	5PM	39.6	42 38	40.0	41 39	43.9	46 40	51.6	60 45	64.1	71 61	72.2	74 69	75.1	77 72	75.6	77 74	74.4	75 70	65.2	74 61	54.6	61 47	49.5	55 44	58.8	77 38
BEREA COLLEGE																												
	4		33.6	44 31	35.9	40 33	42.8	50 34	55.3	69 43	67.9	74 57	73.5	78 69	75.5	80 70	76.5	80 72	-	- 66	65.1	72 56	50.8	62 37	45.7	59 30	-	- 30
	20	5PM	38.5	41 37	39.0	41 38	44.4	46 40	53.0	61 45	65.2	69 61	71.7	73 69	-	- -	78.1	- 77	-	- 75	-	- -	57.9	65 50	50.8	56 45	-	- 37
CAMPBELLSVILLE 2 SSW																												
	4		35.4	45 33	37.8	45 34	45.0	52 36	56.8	70 43	70.4	82 55	74.8	81 64	77.3	84 70	78.3	85 73	76.4	86 65	63.9	71 55	52.8	64 34	45.2	56 33	59.5	86 33
	20	6PM	38.1	40 37	38.9	40 38	43.9	46 40	52.4	60 46	64.5	69 60	70.3	72 68	73.1	75 71	75.0	77 73	74.3	75 70	65.7	70 62	53.8	62 44	46.6	55 36	58.1	77 36
CUMBERLAND GAP PARK																												
	4		34.7	43 32	38.7	46 34	45.8	56 40	56.5	72 43	68.3	77 56	74.3	80 67	76.9	82 71	76.9	84 71	74.9	80 63	62.9	76 50	49.1	62 36	44.2	54 35	58.6	84 32
	20	5PM	40.2	44 38	41.6	43 41	46.4	47 42	53.8	61 47	64.5	69 60	70.1	72 63	73.7	75 72	74.7	76 73	74.0	75 70	65.2	70 62	54.8	62 47	49.1	53 44	59.0	76 38
FLEMINGSBURG 1 SW																												
	4		31.3	40 30	33.2	37 31	38.9	46 33	51.2	67 39	64.5	72 54	71.6	80 62	73.2	80 65	76.1	81 72	73.4	80 63	63.5	75 55	49.7	61 37	43.7	55 35	55.8	81 30
	20	6PM	37.8	40 36	37.1	38 36	40.7	42 37	48.5	56 42	60.5	64 57	67.0	69 65	69.0	70 68	71.3	72 70	70.4	71 68	63.5	68 61	53.5	60 46	47.1	52 41	55.5	72 36
GLASGOW WKAY																												
	4		36.9	44 34	39.1	44 36	45.3	50 38	56.6	70 45	68.8	78 58	74.4	79 68	76.9	82 71	77.2	82 71	74.9	80 66	63.7	69 57	51.7	60 41	47.1	56 38	59.4	82 34
	20	6PM	39.5	42 38	40.5	41 40	45.0	46 42	52.6	60 47	63.4	67 60	69.5	72 67	73.1	74 71	74.4	75 73	73.4	74 70	65.2	69 61	54.9	61 49	49.9	55 45	58.5	75 38
GREENVILLE 2 W																												
	4		35.4	47 32	39.0	47 33	45.6	54 33	59.2	74 44	73.4	83 59	78.1	84 69	79.9	88 72	81.7	89 75	78.0	85 67	64.6	74 57	51.1	62 39	44.9	58 35	60.9	89 32
	20	5PM	39.6	42 38	40.4	42 39	44.4	46 41	53.4	62 47	65.9	75 62	71.7	74 69	74.0	75 72	75.5	77 70	74.4	76 71	65.7	70 63	55.7	62 49	49.8	55 44	59.2	77 38
HENDERSON 7 SSW																												
	4		37.1	44 35	39.9	43 38	45.6	50 40	57.6	70 46	71.1	77 63	76.4	82 70	79.1	84 70	78.8	84 74	76.4	80 68	64.4	71 59	52.5	60 42	46.6	56 39	60.4	84 35
	20	6PM	39.2	42 38	40.4	42 39	44.6	47 42	52.7	61 46	64.6	68 61	70.2	73 67	73.4	75 71	75.0	77 73	73.7	75 70	65.5	70 61	56.0	61 51	50.3	55 45	58.8	77 38
IRVINGTON																												
	4		36.2	48 34	38.1	43 35	43.8	50 36	54.9	69 43	67.4	81 57	-	- -	76.3	83 69	76.0	83 70	73.9	80 61	62.2	71 55	50.8	59 37	44.7	57 36	-	83 34
	20	4PM	37.5	40 36	37.5	39 37	41.5	45 38	49.1	59 42	60.7	68 57	-	- -	70.3	72 69	71.3	73 70	70.4	72 67	61.9	66 58	51.6	58 45	46.2	52 40	-	73 36
LEXINGTON CAMPUS FARM																												
(BARE GROUND)	1		34.4	56 25	36.5	60 23	44.2	68 32	60.1	86 34	71.2	96 42	76.4	100 59	79.4	103 58	80.1	101 62	77.6	100 45	-	- -	-	- -	-	- -	-	103 23
	2		34.9	55 29	36.4	54 27	43.8	63 34	59.0	82 36	70.3	90 45	75.7	94 60	78.8	97 60	79.2	95 65	76.7	94 49	-	- -	-	- -	-	- -	-	97 27
	4		35.1	52 32	36.4	48 33	43.2	57 35	57.7	76 39	68.6	84 50	74.2	86 63	77.3	90 64	78.1	88 68	75.2	86 54	-	- -	-	- -	-	- -	-	90 32

See Reference Notes Following Station Index

SOIL TEMPERATURES

Station	Depth (IN)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
LEXINGTON CAMPUS FARM																												
(BARE GROUND)	8		36.0	47 34	37.0	43 35	43.1	53 37	55.6	72 42	67.0	78 54	72.9	80 65	76.0	83 67	76.8	83 71	74.4	80 60	-	- -	-	- -	-	- -	-	83 34
(SOD)	1		33.9	48 31	36.4	45 33	43.4	54 35	55.4	72 41	68.1	94 55	73.9	82 65	76.3	85 68	77.0	84 69	74.8	82 61	-	- -	-	- -	-	- -	-	94 31
	2		34.4	47 32	36.8	44 34	43.7	53 36	55.2	71 42	67.7	90 56	73.8	81 65	76.2	84 68	77.0	83 70	74.9	81 62	-	- -	-	- -	-	- -	-	90 32
	4		34.9	45 33	36.9	42 34	43.6	52 37	54.8	69 43	67.0	75 57	73.2	78 66	75.8	82 69	76.6	82 71	74.6	80 64	-	- -	-	- -	-	- -	-	82 33
	8		35.9	43 34	37.5	41 36	43.5	49 39	53.8	66 44	66.0	71 59	72.2	76 67	75.0	79 70	76.0	79 73	74.4	77 67	-	- -	-	- -	-	- -	-	79 34
	20	7PM	38.5	40 37	39.0	40 38	43.4	45 40	51.0	59 44	62.5	66 59	68.9	71 66	71.8	74 70	73.5	74 73	72.9	74 70	-	- -	-	- -	-	- -	-	74 37
	40	7PM	42.8	45 41	41.6	42 41	44.2	45 42	49.0	55 45	58.5	62 55	64.9	67 62	68.4	70 67	70.6	71 70	71.0	71 70	-	- -	-	- -	-	- -	-	71 41
MAYFIELD RADIO WNGD																												
	4		37.9	44 32	40.8	45 38	45.8	52 40	56.0	72 40	72.5	84 62	78.9	86 72	79.8	87 66	81.9	88 74	78.5	86 67	66.7	74 59	53.2	69 40	47.8	60 39	61.6	88 32
	20	5PM	40.7	44 39	41.8	44 40	46.2	50 42	55.2	64 48	68.6	75 63	73.7	76 71	76.3	79 70	78.0	82 76	76.5	80 72	66.3	72 62	53.3	62 48	48.8	54 39	60.5	82 39
PRINCETON 1 SE																												
	4		35.5	44 33	38.4	43 35	44.8	51 35	57.7	70 45	71.0	79 60	76.2	82 69	79.0	85 71	79.6	87 75	76.0	81 66	63.8	72 58	51.2	60 39	46.1	57 37	59.9	87 33
	20	5PM	39.6	43 38	40.8	42 40	44.9	47 42	53.2	61 47	64.8	69 60	70.6	73 68	73.3	75 71	75.1	76 74	73.8	75 70	65.4	70 62	55.4	62 49	50.1	56 44	58.9	76 38
QUICKSAND																												
	4		34.3	46 32	37.3	45 34	44.2	50 35	55.9	72 43	69.1	81 57	75.4	84 68	77.0	88 70	78.0	85 72	75.3	79 64	62.7	70 55	49.7	60 36	43.8	54 34	58.5	88 32
	20	4PM	36.9	41 35	38.4	40 37	43.5	45 39	52.3	61 45	65.0	79 60	71.6	73 69	74.3	76 72	76.2	78 75	74.9	76 70	64.9	70 62	53.2	61 46	46.5	53 40	58.1	79 35
SANDY HOOK 4 NW																												
	4		-	- -	35.4	41 31	-	- -	53.7	70 41	-	- -	74.9	82 66	77.2	86 68	77.2	84 70	73.8	80 60	61.5	78 51	49.7	60 38	43.9	55 34	-	86 -
	20	6PM	-	- -	37.5	38 36	-	- -	49.6	59 42	-	- -	66.6	68 65	69.9	72 68	71.0	72 70	69.6	71 -	60.6	64 58	51.9	58 45	46.0	51 41	-	72 -
SOMERSET 2 N																												
	1		35.2	49 28	38.6	47 32	46.0	55 35	58.3	73 43	70.7	82 57	75.2	85 66	78.2	89 70	78.8	88 71	76.1	82 63	64.2	73 52	51.7	61 37	46.1	56 34	59.9	89 28
	4		36.1	47 31	38.9	46 34	45.6	52 37	57.4	69 45	69.5	80 57	74.1	81 66	77.5	86 69	78.0	86 71	75.4	81 65	64.1	71 57	51.6	61 39	46.3	55 36	59.5	86 31
	20	6PM	40.8	44 39	41.9	43 41	46.4	48 43	54.8	62 49	66.3	71 62	71.8	74 70	75.3	77 73	77.0	79 75	76.2	81 72	67.9	72 65	57.3	64 51	51.6	56 47	60.6	81 39
WILLIAMSTOWN 3 NW																												
	4		-	41 -	37.2	40 36	41.4	48 37	52.3	64 43	66.3	72 58	71.7	75 67	74.5	79 70	74.7	77 72	73.5	76 65	62.4	68 56	50.1	59 38	44.4	54 37	-	79 -
	20	6PM	39.2	42 38	38.2	39 38	40.7	42 38	47.4	55 41	59.5	63 54	66.1	68 64	69.2	71 68	70.7	71 70	70.4	71 68	63.1	68 60	52.9	60 45	47.0	52 42	55.4	71 38

AVERAGE DATA ARE FROM MAX AND MIN READINGS FOR 24 HOURS UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS AT TIME SHOWN.

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	Division No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		43				2 C
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		20				2
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	72	73				1 2 3
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	57	58				1 2 3
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	21	25				1 2 3 C
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	21	21				1 2 3 G
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	7	7				1 2 3
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	8	8				1 2 3
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	19	30				1 2 3 C
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	63	63				1 2 3
BENTON	0611	01	MARSHALL	9	36 51	88 21	385						C
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	69	69				1 2 3 CG
BEREA	0624	03	MADISON	4	37 34	84 18	1000		24				2
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	20	20		JAN		1 2 3
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	15	15				1 2 3
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		46				2
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	89	89				1 2 3
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	8	8				1 2 3
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		9				2
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		10	10			2 4C
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		19				2 C
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		20				2
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		54				2 C
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	26	26				1 2 3 O
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		13				2
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	20	67				1 2 3 C
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	74	74				1 2 3
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		15				2
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	19	19			JAN	1 2 3
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360						C
COBB	1663	01	CALDWELL	2	36 59	87 47	500		13				2
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		62				2
*COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	24	24				1 2 3 C
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	8	8				1 2 3
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		20				2
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200						G
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		54				2
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	20	20				1 2 3
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	38	62				1 2 3
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700						C
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		4				2
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	18	20	18			1 2 34C
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	18	18	18			1 2 34
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		30				2 C
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		31				2
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793						C
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		28				2 C
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		20				2
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		13				2
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	16	84				1 2 3
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	65	66				1 2 3
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		2				2
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		47				2
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	14	14				1 2 3 CG
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		57				2
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	24	43				1 2 3 C
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	87	89				1 2 3
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		66				2
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		18				2
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		20				2
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		14				2
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		29				2
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		62				2
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	4	4				1 2 3
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		42				2
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	18	18				1 2 3 G
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		20				2
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	18	18				1 2 3
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	2	2				1 2 3
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		2				2
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	78	84				1 2 3
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		21				2
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	55	55				1 2 3 G
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755						C
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		33				2
HAZARD	3709	04	PERRY	4	37 15	83 12	869						C
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		21				2
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	38	56				1 2 3 C
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	49	57				1 2 3 G
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512						C
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	21	21				1 2 3
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		69				2
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5	5				1 2 3
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	15	15				1 2 3 C
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	75	75				1 2 3
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	10	31				1 2 3
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	74	74				1 2 3 G
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	10	53				1 2 3
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		31				2
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		30				2
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		15				2
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		46				2
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	76	76				1 2 3
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	91	92				1 2 3 C
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050						G
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		30				2 C
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		61				2 C
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		52				2
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		61				2
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773						C
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200						C
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	17	17				1 2 3
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		20				2 C
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	15	15				1 2 3 C
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	37	37				1 2 3 C
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		23				2
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	43	45				1 2 3
LUCAS	5002	02	BARREN	3	36 53	86 02	738						C
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	24	24	15			1 2 34C
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	36	36				1 2 3
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	20	20				1 2 3
MARTIN	5171	04	FLOYD	1	37 34	82 45	670		31				2
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	4	4				1 2 3 G
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	75	74				1 2 3 C
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8	20				1 2 3
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662						C
META	5370	04	PIKE	1	37 34	82 27	730						C
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	74	79				1 2 3 C
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		29				2
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790						C
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		30				2
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	14	34				1 2 3
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750						C
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	78	81				1 2 3
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	14	14				1 2 3
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		43				2 C
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	45	45				1 2 3
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	—	7	7	7			1 2 34
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750						C
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		13				2
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	75	74				1 2 3
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		42				2 C
OWENTON	6104	03	OWEN	4	38 32	84 50	955	1	1		FEB		1 2 3
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	7	7			FEB	1 2 3
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	22	22				1 2 3
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	22	22			JUL	1 2 3
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	23	23				1 2 3 C
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		38				2
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419	10	10				2
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	35	66				1 2 3 C
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		2				2
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	68	72				1 2 3 G
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840						G
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		54				2
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	79	83				1 2 3
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401		17				1 2 3
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7	7				1 2 3
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	59	62				1 2 3
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850						C
ST MARY	7096	02	MARION	8	37 35	85 21	743						C
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		58				2
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859						C
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		19				2
SANDY HOOK 4 NW	7165	04	ELLIOTT	1	38 07	83 12	920						G
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	24	24				1 2 3
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		11				2 C
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		30				2
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	80	82				1 2 3
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	435		18				2
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862						C
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955						C
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	21	21				1 2 3 G
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		29				2
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	9	29			AUG	1 2 3 C
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	1	1		AUG		1 2 3 C
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	21	21				1 2 3
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		23				2
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		29				2
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	8	8				1 2 3
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930						C
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		53				2
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		42				2 C
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		58				2
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	19	57				1 2 3
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	12	12				1 2 3
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870						C
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	8	29				1 2 3
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	22	23				1 2 3
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	74	83				1 2 3
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	68	68				1 2 3 G
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850						C
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		52				2
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	23	23	23			1 2 34C
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		74				2 C

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

CHANGES IN STATION NAME

NEW NAME	FORMER NAME	DATE
BARDSTOWN	BARDSTOWN NAZARETH COLLEGE	MAY 27, 1970
BERNHEIM FOREST	CLERMONT 1 SSE	JANUARY 30, 1970
DUNDEE	DUNDEE 4 ESE	MAY 4, 1970
GILBERTSVILLE KY DAM	GILBERTSVILLE 1 SE	JULY 27, 1970
OWENTON	OWENTON 2 S	FEBRUARY 14, 1970
PADUCAH SEWAGE PLANT	PADUCAH	AUGUST 1, 1970

RELOCATION AND CHANGES OF EQUIPMENT

ANCHORAGE	EQUIPMENT MOVED 1.0 MILE EAST	OCTOBER 7, 1970
BARDSTOWN	EQUIPMENT MOVED 3.8 MILES SOUTH	MAY 27, 1970
CUMBERLAND	EQUIPMENT MOVED 0.7 MILE WSW	OCTOBER 17, 1970
DUNDEE	EQUIPMENT MOVED 4 MILES WNW	MAY 4, 1970
BEAVER DAM	EQUIPMENT MOVED 36 FEET EAST	JULY 27, 1970
DAWSON SPRINGS	EQUIPMENT MOVED 0.8 MILE NW	JANUARY 26, 1970
DIX DAM	EQUIPMENT MOVED 300 FEET EAST	JULY 9, 1970
DUNDEE 4 ESE	EQUIPMENT MOVED 0.1 MILE NE	FEBRUARY 10, 1970
DUNDEE	EQUIPMENT MOVED 0.4 MILE NE	NOVEMBER 19, 1970
GILBERTSVILLE KY DAM	EQUIPMENT MOVED 2.5 MILES NNE	JULY 27, 1970
GRAYSON RESERVOIR	EQUIPMENT MOVED 500 FEET SOUTH	FEBRUARY 15, 1970
JEREMIAH	EQUIPMENT MOVED 0.4 MILES SOUTH	MAY 12, 1970
MARTIN	EQUIPMENT MOVED 0.2 MILES EAST	AUGUST 14, 1970
MIDDLESBORO	EQUIPMENT MOVED 0.8 MILE SSW	JUNE 23, 1970
MILLERSTOWN	EQUIPMENT MOVED 400 YARDS ENE	OCTOBER 1, 1970
MUNFORDVILLE	EQUIPMENT MOVED 3.5 MILES SE	JULY 22, 1970
MURRAY	EQUIPMENT MOVED 0.5 MILE NW	MAY 5, 1970
OWENTON	EQUIPMENT MOVED 1.2 MILES NNE	FEBRUARY 14, 1970
PADUCAH SEWAGE PLANT	EQUIPMENT MOVED 0.3 MILE EAST	AUGUST 1, 1970
SANDY HOOK 4 NW	EQUIPMENT MOVED 1.9 MILES NE	JUNE 1, 1970
SHELBYVILLE	EQUIPMENT MOVED 20 FEET SOUTH	SEPTEMBER 2, 1970
SHEPHERDSVILLE	EQUIPMENT MOVED 200 FEET NORTH	OCTOBER 8, 1970
STEARNS 1 W	EQUIPMENT MOVED 0.2 MILE SOUTH	AUGUST 11, 1970
ST MARY	EQUIPMENT MOVED 50 FEET EAST	JUNE 22, 1970

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.

+ Also on earlier date (dates) or months.

* Amount included in following measurement.

// Gage is equipped with a windshield.

B Adjusted to a full month.

E Amount is wholly or partially estimated.

M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.

R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

# Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.

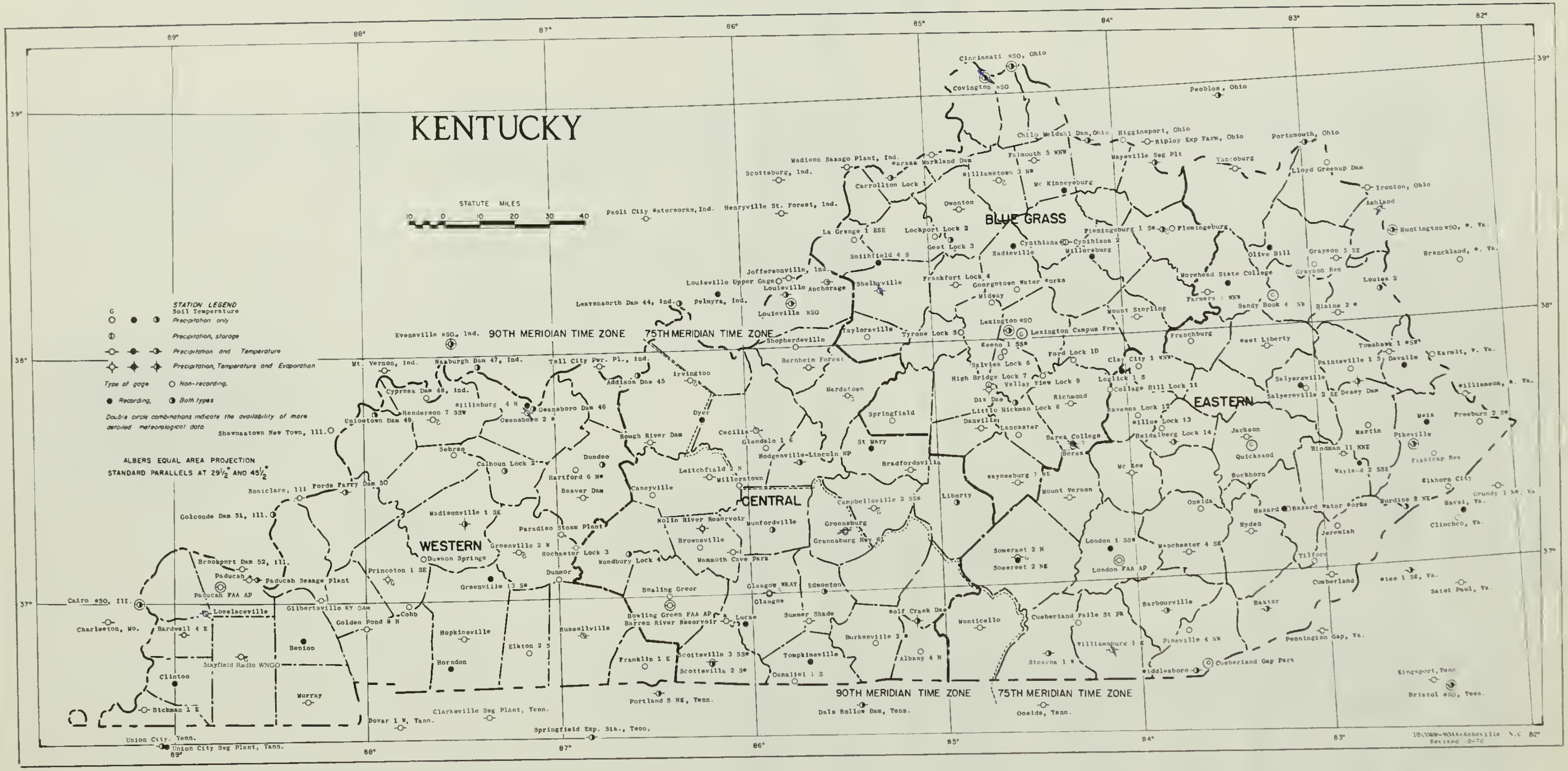
G Soil temperatures published.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-3/18/71-970


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording.
● Recording, ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
Cincinnati WSO, Ohio
Covington WSO
Peoblos, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind.
Markland Dam
Scottsburg, Ind.
Falmouth 5 WNW
Williamstown 3 NW
Mayeville Swg Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington WSO, W. Va.
Branchland, W. Va.
Carrollton Lock 1
Mc Kinneysburg
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Owenton
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Flemingsburg 1 SW
Flemingsburg
Cynthiana
Cynthiana 2
Millersburg
Sadieville
Olive Hill
Grayson 5 SE
Grayson Res
Louisa 2
Smithfield 4 S
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 2 WNW
Sandy Hook 4 NW
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WSO
Mount Sterling
Evansville WSO, Ind.
Taylorsville
Tyrone Lock 5
Lexington WSO
Lexington Campus Frm
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Shepherdsville
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Bernheim Forest
Keene 1 SSW
Salvisa Lock 6
Ford Lock 10
Clay City 1 WNW
Paintsville 1 S
Davella
High Bridge Lock 7
Valley View Lock 9
Logtick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Cypress Dam 48, Ind.
Hillisburg 4 N
Owensboro Dam 46
Henderson 7 SSW
Uniontown Dam 49
Owensboro 2 W
Bardstown
Dix Dam
Little Hickman Lock 8
Richmond
Ravenna Lock 12
Heidelberg Lock 14
Willow Lock 13
Jackson
Quicksand
Mela
Freeburn 2 SE
Martin
Pikeville
Fishtrap Res
Shawneetown New Town, Ill.
Sebree
Calhoun Lock 2
Dundee
Hartford 6 NW
Beaver Dam
Rough River Dam
Dyer
Cecilia
Glendale 1 S
Springfield
St Mary
Danville
Lancaster
Berea College
Berea
Hindman 11 NNE
Wayland 2 SSE
Hodgenville-Lincoln NP
Bradfordsville
Waynesburg 7 NE
Mc Kee
Buckhorn
Elkhorn City
Grundy 1 NE, Va
Rosiclare, Ill
Fords Ferry Dam 50
Leitchfield 2 N
Millerstown
Caneyville
Campbellsville 2 SSW
Liberty
Mount Vernon
Oneida
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Clinchco, Va.
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hwy 61
Hyden
Jeremiah
Greenville 2 W
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Dawson Springs
Princeton 1 SE
Greenville 13 SW
Dunmor
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Glasgow WKAY
Glasgow
Edmonton
Tilford
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Cairo WSO, Ill.
Lovelaceville
Gilbertsville KY DAM
Cobb
Golden Pond 8 N
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Charleston, Mo.
Bardwell 4 E
Benton
Hopkinsville
Elkton 2 S
Russellville
Scottsville 3 SSW
Scottsville 2 SW
Burkesville 2 W
Tompkinsville
Albany 4 N
Williamsburg 1 E
Stearns 1 W
Pineville 4 NW
Pennington Gap, Va.
Mayfield Radio WNGO
Herndon
Franklin 1 E
Gamaliel 1 S
Middlesboro
Cumberland Gap Park
Clinton
Murray
Bickman 1 E
Clarksville Swg Plant, Tenn.
Dover 1 W, Tenn.
Springfield Exp. Sta., Tenn.
Portland 3 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
Kingsport, Tenn
Bristol WSO, Tenn.
Union City, Tenn.
Union City Swg Plant, Tenn.
USCOMM-NOAA-Asheville N.C.
Revised 2-70

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
JANUARY 1971
Volume 66 No. 1

THE LIBRARY OF THE
MAR 25 1971
UNIVERSITY OF ILLINOIS
URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	41.7	24.0	32.9		63	29+	9	20	990	0	8	25	0	4.50		1.92	13	.8	0		5	3	2
BEAVER DAM	41.9	23.3	32.6		62	29+	6	7	994	0	8	25	0	4.06		2.14	13	.8	0		5	3	1
FORDS FERRY DAM 50	40.6	23.7	32.2		65	14	10	20+	1009	0	9	24	0	3.21	- 1.26	1.84	14	.7	1	31	3	2	2
GILBERTSVILLE KY DAM	44.0	26.3	35.2		64	14	9	7	917	0	6	22	0	4.11		1.53	13	2.5	1	31	5	3	2
GOLDEN POND 8 N	42.1	25.0	33.6		67	14	10	20	965	0	6	24	0			1.66	14	1.0				2	1
GREENVILLE 2 W	42.5	24.0	33.3	- 3.8	64	29	5	20	976	0	7	24	0	3.54	- 1.45	1.53	13	2.0			5	3	1
HENDERSON 7 SSW	39.4	23.0	31.2	- 4.9	61	14	8	20+	1042	0	12	26	0	2.29	- 2.72	1.35	13	.6	T	31	3	2	1
HICKMAN 1 E	42.8	26.0	34.4		65	14	8	20	940	0	6	21	0	2.33		.93	13	1.0	T	31+	5	2	0
HOPKINSVILLE	41.5	23.9	32.7	- 4.6	63	30+	9	21+	991	0	7	24	0	2.24	- 3.11	.99	4	3.0	3	31	3	2	0
LOVELACEVILLE	41.6M	24.1M	32.9M	- 4.6	64	14	7	7	988	0	7	25	0	2.91	- 2.01	1.50	13	2.0			5	2	1
MADISONVILLE 1 SE	41.4	24.2	32.8		63	14	8	7	993	0	9	28	0	4.50		3.30	14	1.0			3	2	1
MAYFIELD RADIO WNGO	40.8M	24.0M	32.4M				8	20+	997	0	6		0			.95	13					2	0
MURRAY	42.2	25.8	34.0	- 4.4	65	14	9	20	953	0	7	23	0	2.13	- 3.06	.96	13	1.3	T	31	2	2	0
OWENSBORO 2 W	40.1	23.3	31.7	- 4.1	61	14	8	7	1023	0	11	25	0	3.15	- 1.50	1.34	14				5	2	2
PADUCAH FAA AIRPORT	41.2	23.5	32.4		64	14+	8	7	1004	0	8	26	0	3.63		2.25	13	1.0	1	31	4	2	1
PADUCAH SEWAGE PLANT	41.1	24.1	32.6		65	14	12	21+	994	0	6	25	0	3.47	- 1.27	2.17	14	1.3	T	31+	3	2	2
PRINCETON 1 SE	41.8	24.0	32.9	- 4.5	62	29+	4	7	989	0	9	24	0	3.77	- 1.43	1.68	13	2.5	1	31	5	3	1
ROCHESTER LOCK 3	40.7	23.1	31.9		64	14	8	20	1018	0	7	27	0	3.45		2.45	14	1.0	1	31	3	2	1
RUSSELLVILLE	42.2	23.3	32.8	- 4.0	63	30	5	20	992	0	5	23	0	2.74	- 2.77	1.03	14	3.0	3	31	5	2	1
DIVISION			32.9	- 4.3										3.30	- 1.69			1.5					
* * * CENTRAL 02																							
ANCHORAGE	40.5	20.5	30.5	- 3.9	62	14	4	31+	1062	0	10	28	0	2.58	- 1.72	1.03	13	4.0	3	31+	5	2	2
BARDSTOWN	41.2	22.7	32.0		63	14	6	27+	1017	0	8	25	0	3.21		1.04	4				4	3	1
BARREN RIVER RESERVOIR	42.5	23.7	33.1		63	30+	8	21+	980	0	6	24	0	2.41		.65	14	4.0	4	31	6	2	0
BERNHEIM FOREST	42.2	22.0	32.1		62	14	4	20+	1011	0	8	26	0	2.44		.74	4	1.0	1	30	5	3	0
BOWLING GREEN FAA AP	42.4	24.7	33.6	- 4.5	63	14+	1	31	964	0	7	24	0	3.10	- 2.60	.93	4	3.0	2	31	6	2	0
BRADFORDSVILLE	42.2	22.1M	32.2M		63	14	4	20	1005	0	9	25	0	0 4.08		1.85	14		2	31		3	2
CAMPBELLSVILLE 2 SSW																							
CECILIA	40.2	23.3	31.8	- 3.1	61	14	9	31+	1022	0	12	24	0	3.76	- 1.40	1.39	13	1.8	T	31+	6	3	2
GLASGOW WKAY	41.7	24.5	33.1		60	29	8	20+	982	0	9	23	0	2.81		1.22	4	3.8	3	31	5	2	1
GREENSBURG	42.1	22.7	32.4	- 4.5	63	14	9	28+	1004	0	7	25	0	3.58	- 1.77	1.62	14	2.5	2	31+	5	3	1
HODGENVILLE-LINCOLN NP	41.6M	23.1M	32.4M		61	14	7	20	1000	0		23	0	4.37		1.85	14	.5	T	31	4	3	2
IRVINGTON	40.8	21.3	31.1	- 5.2	62	14	5	20+	1046	0	11	25	0	2.52	- 1.94	.94	4	T	T	30	4	3	0
LEITCHFIELD 2 N	41.4	23.4	32.4	- 4.6	63	14	8	27	1004	0	10	25	0	5.01	- .32	3.78	14	.5			3	2	1
LOUISVILLE	41.1	24.1	32.6		64	14	6	31	998	0	8	23	0	1.94		1.15	4	2.8			3	1	1
LOUISVILLE WSO R	39.2	22.5	30.9	- 4.1	63	14	7	31+	1052	0	12	25	0	2.64	- 1.46	1.07	13	3.2	2	31	4	3	1
MAMMOTH CAVE PARK	41.9	23.7	32.8		61	29+	3	20	991	0	10	23	0	4.06		1.50	4	3.0	2	31	5	4	2
NOLIN RIVER RESERVOIR	40.7	22.1	31.4		64	14	6	20	1033	0	8	25	0	3.85		2.12	14	1.0	1	31	6	3	1
ROUGH RIVER DAM	40.7	20.4	30.6		63	14	6	20+	1058	0	9	27	0	2.90		1.85	14	1.0	1	31	3	2	1
SCOTTSVILLE 3 SSW	43.4	26.5	35.0		62	29+	9	20	926	0	6	22	0	2.73		1.22	4	3.0	3	31	4	2	1
SUMMER SHADE	42.8	24.9	33.9		62	14	7	20	958	0	8	25	0	2.79		1.31	4	3.0	3	31	6	2	1
DIVISION			32.3	- 4.3										3.20	- 1.92			2.2					
* * * BLUE GRASS 03																							
BEREA COLLEGE	43.9M	22.9M	33.4M	- 4.2	66	14	0	28	973	0		26	1										
CARROLLTON LOCK 1	39.8	20.7	30.3		61	14	4	31+	1068	0	12	26	0	2.50	- 1.34	1.02	14				4	2	1
COVINGTON WSO R	37.3	19.3	28.3	- 3.3	58	14	2	31	1133	0	13	29	0	2.47	- 1.09	.69	3	3.2	1	31+	5	3	0
CYNTHIANA 2	38.3	18.2	28.3		61	14	0	31	1135	0	11	27	1										
DANVILLE	39.5	21.3	30.4		61	14	6	31+	1061	0	10	26	0	4.04	- 1.06	2.40	14	2.9	2	31+	6	2	1
DIX DAM	42.2	23.5	32.9		61	14	5	31+	989	0	8	25	0	3.84		2.30	14	2.5	2	31	4	2	1
FALMOUTH 5 WNW	38.4	17.5	28.0		60	14	- 1	31	1140	0	12	29	2	2.25	- 1.64	.95	14	3.0	3	31	4	2	0
FARMERS 1 WNW	40.7	22.3	31.5	- 4.8	61	14	3	29	1031	0	11	27	0	2.86	- 1.59	1.16	14	9.0	6	31	8	1	1
FLEMINGSBURG 1 SW																							
FRANKFORT LOCK 4	40.7	20.3	30.5	- 5.3	62	15	6	31+	1061	0	9	29	0	2.28	- 2.04	1.00	14	3.0	2	31	4	2	1
LEXINGTON WSO R	38.3	21.0	29.7	- 4.8	60	14	5	31	1087	0	13	27	0	3.29	- 1.65	1.13	13	4.0	2	31	7	2	2
MAYSVILLE SEWAGE PLANT	37.5	18.7	28.1	- 6.7	61	14	3	28	1139	0	13	29	0	4.00	- .17	.94	14		5	31	8	4	0
MOUNT STERLING	40.5	22.7	31.6		59	14	3	31	1026	0	11	26	0	3.32	- 1.57	1.48	13	5.0	5	31+	5	2	2
OWENTON	37.5	19.0	28.3		60	14	2	31	1128	0	14	29	0	0 2.52		1.15	14	3.2			4	2	2
RICHMOND	39.7	21.9	30.8		60	15+	4	31	1048	0	9	25	0	4.04		2.40	14	4.5	3	31	6	2	1
SHELBYVILLE	37.7	19.3	28.5	- 6.5	61	14	4	31	1125	0	14	28	0	2.32	- 2.36	1.20	14	2.8	2	31	3	2	1
WARSAW MARKLAND DAM	38.3	17.1	27.7	- 6.8	60	14	6	31	1147	0	13	29	0	2.46	- 1.54	1.15	14	3.0	2	31	3	2	1
WAYNESBURG 7 NE	41.5	23.6	32.6		62	14	5	31+	994	0	9	24	0	4.26		1.85	14		4	31	7	3	1
WILLIAMSTOWN 3 NW	39.0M	19.3	29.2M	- 4.8	63	4	0	31	1096	0	12	29	1	2.04	- 2.07	.87	4	4.4	3	31+	4	2	0
DIVISION			30.0	- 5.9										3.03	- 1.60			3.9					
* * * EASTERN 04																							
ASHLAND	38.8	19.5	29.2	- 7.9	62	15	7	29	1106	0	12	28	0	2.60	- 1.18	.71	14	7.0	4	31	7	2	0
BARBOURVILLE	45.1	23.0	34.1		70	15	9	1	949	0	5	24	0	5.64		1.45	14				9	7	1
BAXTER	42.4	23.3	32.9		67	15	12	29+	987	0	7	25	0	5.80		1.22	14		6	1	11	5	1
BLAINE	39.6	18.7	29.2		66	15	3	29	1104	0	10	27	0	D 4.12		1.10	14	6.1			[illegible]	4	1
CUMBERLAND	44.8	23.0M	33.9M		67	14	7	27	957	0	5	26	0	3.49		.95	14	5.0	3	31	7	3	0
DEWEY DAM	39.4	22.5	31.0		64	15	10	31+	1050	0	10	24	0	4.40		1.38	5	13.0	9	1	5	4	1
GRAYSON 5 SE	39.3	19.0	29.2		63	15	5	29	1102	0	10	29	0	2.72		.70	14	7.0	4	31	7	2	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 3

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HEIDELBERG LOCK 14	45.6	23.6	34.6		68	14	8	7	936	0	6	25	0	3.64	- .93	1.22	5		4	31	8	2	1
HINDMAN 11 NNE																							
HYDEN	41.6M	21.7M	31.7M		66	15	9	2+	1026	0	9	25	0	5.13		.96	14		9	1	11	4	0
JACKSON	43.4	22.5	33.0		71	15	9	29+	988	0	7	24	0	4.61		1.15	5				8	4	1
LONDON FAA AP	41.6	22.5	32.1		64	14	2	31	1014	0	11	25	0	5.20		2.20	4	4.0	6	1	7	4	1
MANCHESTER 4 SE	45.4M	24.4M	34.9M		68	14	4	1	926	0	7	23	0	5.03		1.05	14	12.0	8	1	10	6	1
MC KEE	40.2	19.4	29.8		65	15	6	8+	1085	0	11	27	0	5.20		1.27	14	5.0	3	31+	10	4	2
MIDDLESBORO	42.7	23.7	33.2		65	15	5	27	980	0	6	24	0	5.46		1.04	5	1.5	2	31	9	5	1
MONTICELLO	45.5	25.4	35.5		68	14	7	20	910	0	6	24	0	5.19		1.84	14	3.6	4	31	9	3	2
MOUNT VERNON	43.4	24.2	33.8		64	14	6	31+	958	0	7	24	0	4.45		1.47	4	7.3			7	2	2
PIKEVILLE	46.5M	26.4M	36.5M		74	14	11	27	877	0		24	0	3.01	- .76	.83	30	6.5	8	1	9	2	0
SOMERSET 2 N	44.3	23.7	34.0		67	14	7	20+	954	0	8	25	0	3.91		1.27	4	3.0	3	31	8	3	1
STEARNS 1 W														6.96		2.04	5	7.5			9	3	3
TOMAHAWK 1 WSW	40.6	19.1	29.9		65	15	3	29	1081	0	10	27	0	5.03		1.55	14	13.5	6	2+	9	3	2
VANCEBURG	42.7	21.0	31.9		63	14	2	29	1022	0	9	27	0	0 2.51	- 1.60	1.13	4				6	2	1
WEST LIBERTY	39.1	19.9	29.5		64	15	4	29	1092	0	11	28	0	4.27		1.43	14		4	31	9	2	1
WILLIAMSBURG 1 E	47.5	27:0	37.3	- 2.4	70	14	10	27	854	0	5	22	0	4.44	- .22	1.41	14				7	4	1
DIVISION			32.6	- 5.5										4.47	- .03			6.8					

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	74	DATE	14
LOWEST TEMPERATURE FALMOUTH 5 WNW	- 1	DATE	31
GREATEST TOTAL PRECIPITATION STEARNS 1 W	6.96		
LEAST TOTAL PRECIPITATION LOUISVILLE	1.94		
GREATEST 1 DAY PRECIPITATION LEITCHFIELD 2 N	3.78	DATE	14
GREATEST TOTAL SNOWFALL HAZARD WATER WORKS	17.0		
GREATEST DEPTH OF SNOW FREEBURN 2 SW	12	DATE	01

See Reference Notes Following Station Index

KENTUCKY - JANUARY 1971

SPECIAL WEATHER SUMMARY

It was a cold month, with temperatures averaging well below those of an average January. Daytime temperatures rose no higher than the freezing mark on about 6 to 12 days, depending on location; in some sections, this was two to three times the long-period averages for this statistic. Precipitation varied from moderate to heavy over the greater part of the Commonwealth. Moderate to heavy rains on the 13th and 14th forced many small streams to rise considerably, some to near bankfull, blocking roads in some sections. Snowfall varied from very light in the northwest to heavy in the southeast. A number of locations experienced thunderstorms, and a number of January days were on the windy side. Cloudiness was just about average for a January.

Snowfall was light and below average over the northern areas generally; moderate to heavy in the east (some totals to 17 inches); generally moderate over the balance of the State. In general, heaviest snowfalls were at the end of the month; the east was an exception, with heavy snowfall measured at both the beginning and the end of the month. Except for the east, most areas had less than usual number of days with snow (an inch or more) on the ground.

Thunderstorms were reported at one or more locations on at least eight dates - January 3, 4, 5, 13, 14, 22, 29, 30. They were most widespread on the 3d and/or 4th and on the 13th and/or 14th, reported in the Western, Central, and Blue Grass Divisions. Those on the 29th and/or 30th were reported in portions of the South Central, Blue Grass, and Eastern Divisions; some hail was reported on the night of the 29th in the Blue Grass and Southeast.

Shortly before 1 a.m. on the morning of January 30, lightning struck a home near Kirkland in Washington County, in the Blue Grass. News reports stated that the building was shattered by the lightning, and that the occupants narrowly escaped when the flames enveloped the structure within minutes. The two persons in the house were hospitalized due to burns and injuries caused by falling debris. The house and a smokehouse nearby were destroyed by fire. At about the same time in Irvine, Estill County, Eastern Division, lightning caused thousands of dollars damage to several houses and utility lines, but no injuries were reported.

Winds were strong statewide on the 26th, and gusts of from 40 to 60 m.p.h. were reported by news and other sources. In Mason County, in northeast Kentucky, two persons were injured when a school bus overturned. News reports of damage came from many points, especially from the North Central, Blue Grass, and the Northeast. Indications, however, were that, with several exceptions, most wind-related damage was relatively minor.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issues of STORM DATA and CLIMATOLOGICAL DATA NATIONAL SUMMARY.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	4.50			.25	.72						.01	.02	T	1.92	1.31				.02			T	.05		.15	.01			T			.04
BEAVER DAM	4.06			.02	.50									2.14	.94								.25		.16							.05
CALHOUN LOCK 2	3.51				1.13	T								T	1.82	.03				T				.33	T	.02	T		.10	T	.05	.03
COBB	3.02				.62									.10	2.02				T					.18								.10
DAWSON SPRINGS	3.99				.95	T					T	T		.13	2.36	T			T					.22	.19							.14
DUNDEE	D 3.37				.79										2.18									.35							T	D .05
DUNMOR	2.34	.06			.58	.02				T		.02	.02	.03	1.27				T				T	.22								.12
ELKTON 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORDS FERRY DAM 50	3.21				1.00							T	T	.03	1.84				T					.25	.02	.05						.02
FRANKLIN 1 E	2.08				.71	.31				T					.48	.44			T				.03	.04								.07
GILBERTSVILLE KY DAM	4.11			.10	.90							T	T	1.53	1.25				.10				.08	.03	.06	T						.06
GOLDEN POND 8 N	-				.72							.02		.14	1.66	.01			T					-								D .10
GREENVILLE 2 W	3.54			.06	.56									1.53	.98				.02				.02	.23	.02							.12
HARTFORD 6 NW	3.40				.82		T			T				T	2.37	.02			T	T				.09	.02					T		.08
HENDERSON 7 SSW	2.29			.05	.58							T	T	1.35	.01			T					.17	.01	.07	T					.01	.04
HICKMAN 1 E	2.33			.13	.82						T	T	T	.93	.20				T				T	.07	.18							T
HOPKINSVILLE	2.24				.99							T	T	.04	.86				.05				.02	.07	T		T		T		T	.21
LOVELACEVILLE	2.91			.12	.75									1.50										.40	.12							.02
MADISONVILLE 1 SE	4.50				.76									.07	3.30									.29	T							.08
MAYFIELD RADIO WNGO	-			.07	.88									.95					.25				-	-								-
MURRAY	2.13			.08	.67							.04	.05	.96	.05				.05			.02	.08		.08				T			.05
OWENSBORO 2 W	3.15				1.00									.10	1.34									.25	.07	.07					.07	.25
OWENSBORO DAM 46	2.94				1.10										1.38	.02								.25	.06	.04				T	.06	.03
PADUCAH FAA AIRPORT	3.63			.85	.25						.02	.01	.01	2.25	T				T				.09	.03	.10	T		T			.02	
PADUCAH SEWAGE PLANT	3.47				1.01							T	T	.10	2.17				T					.08	.05	.02			T			.04
PARADISE STEAM PLANT R	4.29				.77	.03				T			[illegible]	T	2.94	.05								.30	.02							.15
PRINCETON 1 SE	3.77			.10	.74							.03	.02	1.68	.93				.02				.04	.14	.04							.03
ROCHESTER LOCK 3	3.45				.58					.01			T	.01	2.45									.29	.03							.08
RUSSELLVILLE	2.74	T			.85	.30				T		T	T	.02	1.03	T							.04	.25								.25
SEBREE	3.40				.84									T	2.00									.40	.06						.05	.05
UNIONTOWN DAM 49 //	2.63				1.08									.04	1.24				T	T				.13	.02	.05						.07
* * * CENTRAL 02																																
ADDISON DAM 45 //	2.92	T			1.21	T					T			T	1.38				T					.20	T	.05			T	T	.08	T
ALBANY 4 N	5.54	T			1.45	.70				.03					2.00								.08	.40	.12	.42						.34
ANCHORAGE	2.58			.10	1.00	T				T			T	1.03	.15					T			T	T	T				.03		.27	
BARDSTOWN	3.21				1.04					.01				.95	.82								.03	.30					.01		.05	
BARREN RIVER RESERVOIR	2.41	T	.25		.43	.62				T				T	.65				T	T			.02	.19	T	T				T		.25
BERNHEIM FOREST	2.44			T	.74	T			T	T			T	.67	.62					T			T	.14	T				.01		.26	
BOWLING GREEN	2.78				1.10	.11				.10					.90	.03							.05	.27	T							.22
BOWLING GREEN FAA AP	3.10			.32	.93	T			.02	T	T		T	.88	.35			T	.01			.01	.25		.02	T		T	T	.02	.28	.01
BRADFORDSVILLE	D 4.08				1.11	.15				T					1.85					.05				.72					T		*	D .20
BROWNSVILLE	3.22				.62	.21				.01				T	1.70	T			T	T			.02	.49	T	T				T	.07	.10
BURKESVILLE 2 W	4.29				1.06	.46									1.90	.05			T				.08	.22	T	.26						.26
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANEYVILLE	4.97				.86	.05				T					3.51				T					.46								.09
CECILIA	3.76			.10	.75	T			T	T		.03	T	1.39	1.00			T	T	T			.20	.15	.03			.03			.03	.05
EDMONTON	2.85				.63	.32									1.10								.05	.35								.40
GAMALIEL 1 S	4.49	.03			1.15	.46	T		T	.02		.02	T		1.73				T	T	T		.11	.36	.04	.35	T			T	.04	.18
GLASGOW	D 3.17	.01			.55	.69			T	.10				.20	.89				T				.04	.22		.02					.05	D .40
GLASGOW WKAY	2.81				1.22				.04	T			T	.79	.21			T	T			.03	.03	.30	.01						T	.18
GLENDALE 1 E	-				.75	.07				-			T		3.05									.42	T	T					-	-
GREENSBURG	3.58	T			.46	.59				.04		T			1.62	T			T	T	T		T	.53		T	T		T	T	.09	.25
GREENSBURG HIWAY 61	3.59	T			.42	.61				.03					1.60					T			T	.57	T	.02					.07	.27
HODGENVILLE-LINCOLN NP	4.37	T			.86					.02				1.15	1.85								T	.44	T				T		T	.05
IRVINGTON	2.52				.94					T				.78	.52			T	T					.21	T						.07	T
LEITCHFIELD 2 N	5.01				.75	.01	T			T					3.78				T	T				.44	T				T	T	T	.03
LIBERTY	4.38				.46	.87				.06		.03			1.88									.52		.03				.03	.18	.32
LOUISVILLE	1.94				1.15				T	T			T		.44								T	.07	T		T		.03		.25	
LOUISVILLE WSO R	2.64			.59	.51	T			T	T			T	1.07	.08			T	T	T			.07		.02	T			.03		.27	
LOUISVILLE UPPER GAGE	-				1.19								T	T	-									.08		.01			.02		.12	.06
MAMMOTH CAVE PARK	4.06	T			1.50	T			T	.04				1.00	.71	T			T			T	.02	.58	.02		T		T		T	.19
MILLERSTOWN	4.00				.79	.12				.01		T		T	2.48				T	T			T	.53	T	T			T	T	T	.07
MUNFORDVILLE	4.70	.02			1.15	.41	T			.05		T		T	2.12				T	T			T	.58	T	.05					.19	.13
NOLIN RIVER RESERVOIR	3.85	T			.66	.18				T				T	2.12	T			T	T			T	.53	T	T					.25	.11
ROUGH RIVER DAM	2.90			.05	.50								T	T	1.85				T					.40	T				T	T	.05	.05
SCOTTSVILLE 3 SSW	2.73				1.22					.03		.03		.25	.67								.09	.09	.08							.27
SCOTTSVILLE 2 SW	2.35				.80	.40				T				T	.85				T				.05	.05	.05	T						.15
SHEPHERDSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	T	1.24					T				.12	T	T			T	T	.10	.13
SUMMER SHADE	2.79			T	1.31				T	T				.75	.12			T	T			T	.10	T	.21	.02					T	.28
WOODBURY LOCK 4	2.83				.59	.02				T				T	1.76									.38						T		.08
* * * BLUE GRASS 03																																
BEREA COLLEGE	-				-				-	-				-	-									.42	.08				.03		.20	
BEREA	3.40	.02			.41	.55				.05					1.53	.02					T		T	.41	.02	.02			T	T	.10	.27
CARROLLTON LOCK 1	2.50				.95	.03					T				1.02			.02			T			.02		T	.03		.06	T	.10	.27
COVINGTON WSO R	2.47			.69	.43	T		T		T			T	.52	.60		.05	T	T	T			T		T		T		.05	T	.13	
CYNTHIANA	2.74	T			.92	.23				T					.91			.03	T	T				.08	T	T			.03	T	.31	.23
CYNTHIANA 2	-				.88	.10									.81			*	*	*	*	*	*	*	*	*	*	*	1.13	T	-	-
DANVILLE	4.04	T			.58	.33				.03	T				2.40				T		T			.38	T	.01			T	.03	.11	.17
DIX DAM	3.84				.85	.38			T					T	2.30											.03	T		T			.28
FALMOUTH 5 WNW	2.25	T			.85	.21				T	T		T		.95			.04	T	T				.03		T			.02	T	T	.15
FARMERS 1 WNW	2.86	.10			.43	.34				T			T	T	1.16				T					.25	T	.10	T		.14		.04	.30
FLEMINGSBURG	2.98	.10			.90	.35				T	T		T		.99			.02	T	T				.07		.03			.04	T	.23	.25
FLEMINGSBURG 1 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORD LOCK 10	3.32	.03		T	.55	.46	T			.02					1.60			T			T			.28		.08			.04		.08	.18
FRANKFORT LOCK 4	2.28	T	T		.86	.13				T	T				1.00			T						.04	T	T			.01		.04	.20
GEORGETOWN WATER WORKS	2.51				.85	.16				T					1.07									.06	T				.04		.33	
GEST LOCK 3	2.01				.62	.04	T				.02		T		1.06					T				.07	T	T			.03	T	.09	.08
HIGH BRIDGE LOCK 7	3.63				.82	.35	T			T			T		1.86						T			.25		.02			T	.03	.11	.19
KEENE 1 SSW	2.92					.42									1.74									.33							.43	
LA GRANGE 1 ESE	3.52		T	T	1.07	T			T	T		.02	T	1.64	.31				T	T			T	.09	.04	T	T		.12		.23	
LANCASTER	*				.42	.35									2.39									*	*	.45					*	*
LEXINGTON WSO R	3.29			.18	1.00	T			T	T		T	T	1.13	.30		T		T	T		T	.11		.01	T		T	.03	.30	.23	
LITTLE HICKMAN LOCK 8	3.89				.55	.23				.02					2.47									.28	T	.03				.05		.26
LOCKPORT LOCK 2	2.38				.81									T	1.10					T				.04	T				.07		.10	.26
MAYSVILLE SEWAGE PLANT	4.00	T			.91	.25	T			T					.94			T		T	T			.50		.40	T		.30	T	.20	.50
MIDWAY	3.67				.88										1.60										.07				.24		.06	.82
MOUNT STERLING	3.32			.17	1.00	T			T			T		1.48			T	T		T		T	.23		T				T		.44	
OWENTON	2.52				1.00	T						T	T	T	1.15			T		T			.03	.02	T	T			.02		D .10	.20
RICHMOND	4.04				.56	.20				.04		.02			2.40			T		T	T			.27	.03	.06	T		.06	T	.28	.12
SALVISA LOCK 6	3.42	T			.73	.39				T	.02		T		1.70						T			.27	T	.03			T	T	.08	.20
SHELBYVILLE	2.32				.66	.07					T				1.20					T				.09	T				.01	T	.07	.22
SPRINGFIELD	4.19				.53										3.41					T									T		.25	T
TAYLORSVILLE	2.43				.67	T					T			T	1.36									.12	T	.04			T	.04	.08	.12
TYRONE LOCK 5	3.43	T			.78	.24				T	T			T	1.55			T		T				.09	T	.01			T	T	.61	.15
VALLEY VIEW LOCK 9	3.58	.01			.90	.33	T			.01	T	T	T		1.83			T		T	T			.23		.04	T		T	T	.06	.17
WARSAW MARKLAND DAM	2.46				.94							T	T		1.15			.05	T	T				.06	T				.04	.02	T	.20

See reference notes following Station Index

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	4.28	T			.44	.77				.07	T				1.85									.62		.11					.10	.32
WILLIAMSTOWN 3 NW	2.04				.87	T				T		.01	T	.38	.52		T	.03		T				.04	.02				.02		.15	
• • •																																
EASTERN 04																																
ASHLAND	2.60	.18			.42	.62									.71			.04	T	T	T			.13		.03	.01		.05	.01	.25	.15
BARBOURVILLE	5.64	.65			.51	.50									1.45	.19							.08	.57	.07	.74					.57	.31
BAXTER	5.80	.65			.30	.70				T		T			1.22	.30				T	.01		.10	.83	.16	.82			T	.04	.45	.22
BLAINE	D 4.12				.58	.92				D .03					1.10			D .03		T				.19		.13			D .10		.59	D .45
BUCKHORN	4.80	.50			.65	1.00				T	T				.80	.15				T	T		.07	.36	.09	.53			T	T	.05	.60
BURDINE 2 NE	4.30	.70			.30	.40						T			.88						T	T	.15	.42		.40				.10	.55	.40
CLAY CITY 1 WNW	4.14	.07			.45	.60				.10					2.10	T				T	T			.25	T	.14	T		.07		.06	.30
COLLEGE HILL LOCK 11	3.72	.09			.41	.42				T					2.13					T	T			.22	T	.07			.03	T	.09	.26
CUMBERLAND	3.49				.70	.04				.07	T			T	.95	.07	.04	.07	T	.05			.15	.39	.05	.56			.05	T	.20	.10
CUMBERLAND FALLS ST PK	4.14			T	1.53				.05	.01				.04	1.23	T		T		T		.03	.61		.44				T		.20	
DEWEY DAM	4.40	.50			.25	1.38				T					.95					T	T			.35		.30			.10		.05	.52
ELKHORN CITY	3.84	.86			.30	.60				.07		.06			.36	.04				.08			.04	.37	.06	.32			.04	T	.37	.27
FISHTRAP RESERVOIR	3.46	.80			.21	.28				.08	T				.45	.10				.01	.01	T	.01	.35	T	.21		T	.02	T	.38	.55
FREEBURN 2 SW	4.51	1.06			.25	.60				.05		T	T		.60	.20			T	T	.04		.03	.32		.24		T	.02	.01	.52	.57
FRENCHBURG	3.38				.62	.72				T					.35	.60								.20	.20				.20		.39	.10
GRAYSON 5 SE	2.72	.15			.49	.62				T					.70			.02	T	T	.02			.23		.03			.04	.04	.14	.24
GRAYSON RESERVOIR	2.32	.09			.29	.65				T					.79	T		.02						.15		T	.02		.03	.01	.08	.19
HAZARD WATER WORKS	D 5.06	.95			.52	.57				D .10			.08		.72	.24							.07	.46		.41					.34	.60
HEIDELBERG LOCK 14	3.64	.11			.37	1.22				.04		T			.82	.11					T		T	.39		.12			T	T	.03	.43
HINDMAN 11 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HYDEN	5.13	.82			.34	.61				.06					.96	.32				T	T		.37	.51	.14	.36			.02	T	.15	.47
JACKSON	4.61	.46			.53	1.15				.02					.96	.16							T	.36		.20			.05		.05	.65
JEREMIAH	3.68	.12			.90	.05									*	.84				T			.06	.40	.47	T			.04		.60	.20
LLOYD GREENUP DAM	2.23	.08			.56	.43									.64	.15		.05	T	.01	T	T		.09		.04	T		.02	.01	.10	.05
LONDON FAA AP	5.20			.02	2.20				T	.01				.70	.50	.03		T	T	T	T	.02	.42	.01	.42				T	T	.77	.10
LOUISA 2	3.42	.30			.14	.90				T					.96	.02	T	T	T	T	T	T		.23	T	.12	T		T	.02	.37	.36
MANCHESTER 4 SE	5.03	.62	T		.46	.65									1.05	.12							.10	.36		.50		T			.66	.51
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC KEE	5.20	.10			.88	1.05				.30	T				1.27					T	T	T	.14	.50	.05	.13	T		.02	T	.39	.37
MIDDLESBORO	5.46	.64			.34	1.04		T		.02		T			.77	.59					T		.09	.97	.19	.49			T		.09	.23
MONTICELLO	5.19	.10			1.28	.52				T	.02				1.84	.03							.10	.46	.21	.25						.34
MOUNT VERNON	4.45				1.47				.07	.03				.39	1.15	.05			T	T			.06	.48	.12				.03		.36	.24
ONEIDA	5.49	.37			.76	.96									1.95								.17	.30		.31			.02		.25	.40
PAINTSVILLE 1 S	3.66	.46				1.30		T							1.30	.02			T	T	T			.30		.10	.02		.05	.07		.04
PIKEVILLE	3.01				.53	T			T	.20		T		.15	.34	.16			T	.02			.04	.22	.22	.02			.06		83	.20
PINEVILLE 4 NW	5.59	.62			.42	1.07									1.48	.10			T		.03		.08	.67	.15	.61			T		01	.35
RAVENNA LOCK 12	3.73	T	.06		.18	.54				T					1.88	.08				T			T	.33	T	.08	T		.03	T	.24	.31
SALYERSVILLE 2 SE	4.67	.36			.30	1.23									1.45			.01	.02					.29		.24	.15				13	.49
SOMERSET 2 N	3.91			.02	1.27	T			.02	.04		.01		.48	.75	.02			T	.01		T	.12	.53	.17	.02			T		.22	.23
STEARNS 1 W	6.96	.40			1.22	2.04									1.68	.17							.1-	.48		.45						.38
TILFORD	2.19			T	.70										.71	.13				.06					.42						T	.17
TOMAHAWK 1 WSW	5.03	.47			.15	1.18				T	.02				1.55	.05		T		T	T		.04	.20	.11	.32			.05	.07	.22	.60
VANCEBURG	D 2.51				1.13									.20	.61			.03		D .03				.12	.02				D .16		.19	
WEST LIBERTY	4.27	.18	T		.26	.94				T					1.43	.16		T		T	T		T	.28		.16			.05	.02	.36	.43
WILLIAMSBURG 1 E	4.44	.28	.08		.51	.40				.03					1.41	.05							.05	.59	.06	.58						.58
WILLOW LOCK 13	3.39	.09			.40	.94				T					1.00	T				T	T	T	T	.34	T	.09			.03	T	.12	.38

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent Standard of Time EASTERN				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	26	5.3	11.0	40++	27	26	70	72	62	64	11	2	2	3	0	0	18	-	7.2
LEXINGTON WSO	25	4.2	10.0	30++	28	26	76	79	64	70	11	2	5	0	2	0	20	-	7.2
LOUISVILLE WSO	28	3.7	9.5	32	NW	29+	69	73	59	62	8	4	1	2	1	0	16	44	7.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	49	52	52	57	31	31	26	29	42	37	47	43	58	63	36	34	34	32	28	33	41	42	45	44	51	46	32	34	63	57	25	41.7
	MIN	30	28	42	31	15	12	10	11	13	22	34	36	37	35	25	21	25	25	12	9	29	30	21	34	30	30	14	23	25	23	11	24.0
BEAVER DAM	MAX	45	52	52	50	33	25	25	28	34	47	48	52	55	62	40	31	36	35	27	33	43	44	43	44	52	52	29	30	62	60	29	41.9
	MIN	20	27	35	30	20	12	6	10	21	22	37	40	45	40	28	19	27	24	10	7	25	33	22	29	24	27	10	19	17	27	10	23.3
FORDS FERRY DAM 50	MAX	48	51	57	58	27	22	24	27	38	38	46	41	64	65	41	34	33	30	23	34	44	46	44	43	50	42	25	31	60	52	22	40.6
	MIN	35	32	41	25	16	13	10	17	17	29	35	35	35	28	22	20	29	20	12	10	32	33	22	29	33	18	12	22	26	16	12	23.7
GILBERTSVILLE KY DAM	MAX	48	55	52	57	34	27	30	29	40	41	58	48	60	64	39	36	40	35	30	36	42	43	48	48	50	51	35	31	63	63	31	44.0
	MIN	32	33	43	32	16	12	9	16	24	29	36	36	40	38	26	20	29	25	11	12	31	34	23	35	35	30	13	24	26	31	15	26.3
GOLDEN POND 8 N	MAX	45	49	55	58	44	27	25	25	28	41	42	49	51	67	51	36	35	37	33	26	41	44	48	47	45	53	37	31	35	64	37	42.1
	MIN	31	31	32	41	19	15	14	15	22	26	33	39	40	45	28	19	20	27	13	10	12	35	26	26	36	32	12	12	21	29	14	25.0
GREENVILLE 2 W	MAX	42	52	53	56	34	25	24	27	37	43	48	51	58	63	50	33	36	34	27	33	40	44	45	44	52	52	30	31	64	60	28	42.5
	MIN	22	28	36	32	18	12	7	12	21	25	37	38	46	38	27	18	27	24	10	5	26	33	22	33	26	27	10	21	25	28	11	24.0
HENDERSON 7 SSW	MAX	45	52	50	56	28	24	25	24	37	37	46	43	55	61	32	30	35	30	25	32	43	45	41	40	49	47	25	30	57	54	22	39.4
	MIN	26	30	37	28	16	12	8	16	16	28	34	36	36	32	24	18	27	23	11	8	28	31	21	33	32	25	10	20	18	18	10	23.0
HICKMAN 1 E	MAX	49	53	49	58	33	24	27	30	43	40	48	45	61	65	38	37	34	32	30	34	41	42	46	44	53	46	32	36	63	61	34	42.8
	MIN	36	29	40	31	15	13	9	18	15	25	37	36	36	38	27	20	27	26	14	8	29	33	24	35	33	32	15	25	29	34	16	26.0
HOPKINSVILLE	MAX	39	42	51	56	53	30	28	25	27	38	42	50	53	63	51	38	32	37	34	27	36	40	44	45	45	53	38	30	36	63	41	41.5
	MIN	28	29	30	39	21	14	11	11	20	25	31	40	42	48	22	18	21	26	11	9	9	34	25	25	35	33	11	11	23	26	13	23.9
LOVELACEVILLE	MAX	50	52	51	47	31	24	26	30	44	38	47	43	59	64		35	34	33	27	36	42	43	38	44	50	46	30	34	63	58	29	41.6
	MIN	31	27	42	31	15	12	7	15	12	23	35	36	36	35		19	25	26	12	8	29	32	20	33	30	30	13	22	24	27	15	24.1
MADISONVILLE 1 SE	MAX	43	52	53	56	31	25	24	28	38	39	48	50	56	63	37	32	35	33	28	33	42	44	44	43	51	51	28	31	61	60	25	41.4
	MIN	26	31	37	29	20	12	8	22	18	29	30	30	43	35	27	20	28	25	10	9	26	32	22	31	28	27	11	21	25	25	12	24.2
MAYFIELD RADIO WNGO	MAX	48	50	51	54	30	27	25	28			47	47	59		36		36	33	29	35	38			45	52	50	34	38	63		24	40.8
	MIN	28	28	43	27	16	12	8	15			36	36	37		26	18		25	11	8	32			35	32	30	13	22	26		12	24.0
MURRAY	MAX	46	51	52	57	30	25	25	28	40	40	49	52	61	65	37	35	35	33	25	34	39	46	45	45	53	48	28	35	63	57	28	42.2
	MIN	27	30	41	30	17	13	10	19	18	26	38	39	43	37	26	20	30	25	12	9	29	35	25	35	34	28	14	23	25	28	14	25.8
OWENSBORO 2 W	MAX	44	55	48	54	30	22	29	27	34	38	47	46	53	61	39	30	36	32	26	32	42	45	45	40	50	47	27	29	57	55	23	40.1
	MIN	24	30	37	30	17	10	8	15	18	23	33	35	40	37	27	19	27	23	11	9	27	30	22	33	30	25	10	19	20	23	11	23.3
PADUCAH FAA AIRPORT	MAX	50	51	59	57	27	24	27	28	43	36	47	42	64	64	33	37	33	32	25	33	44	43	45	44	50	41	27	33	61	53	25	41.2
	MIN	32	31	42	25	14	11	8	15	15	28	36	36	35	29	22	20	27	21	13	10	30	31	23	33	31	20	13	24	26	15	11	23.5
PADUCAH SEWAGE PLANT	MAX	43	50	52	58	43	28	25	27	28	43	39	46	43	65	54	35	35	34	33	26	39	44	42	44	44	51	36	31	34	63	40	41.1
	MIN	30	33	32	42	17	14	12	12	17	18	29	37	37	38	27	22	22	27	13	12	12	34	27	23	32	32	15	14	26	26	15	24.1
PRINCETON 1 SE	MAX	45	52	52	58	32	25	24	27	39	39	48	48	60	62	37	32	35	33	27	33	40	43	45	44	51	51	31	31	62	60	29	41.8
	MIN	30	28	40	31	16	10	4	13	16	27	35	37	42	36	25	17	27	23	10	6	28	33	22	34	31	28	10	21	23	28	12	24.0
ROCHESTER LOCK 3	MAX	37	44	52	56	55	27	26	25	27	36	46	45	52	64	47	34	33	37	33	25	33	41	44	44	45	54	42	30	32	62	35	40.7
	MIN	23	28	29	38	23	14	9	9	20	25	30	42	43	46	27	19	21	27	12	8	9	32	25	24	26	29	10	11	19	26	11	23.1
RUSSELLVILLE	MAX	36	44	50	55	55	40	27	27	28	37	46	50	53	62	52	38	36	38	33	25	35	39	47	47	47	54	38	31	35	63	41	42.2
	MIN	25	30	30	40	22	14	8	8	20	21	33	41	43	50	27	15	20	27	11	5	8	33	23	23	37	36	10	10	19	24	10	23.3
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	42	53	55	55	35	26	23	25	31	37	48	46	53	62	51	30	33	31	25	33	44	46	42	40	54	51	23	26	55	57	22	40.5
	MIN	16	26	27	30	20	11	6	9	20	20	30	34	37	40	26	15	15	23	11	8	26	27	21	27	32	21	4	16	14	20	4	20.5
BARDSTOWN	MAX	40	50	56	55	33	25	24	24	33	41	49	48	55	63	46	33	35	34	25	32	41	46	45	43	51	53	29	28	57	57	27	41.2
	MIN	8	32	30	33	23	11	7	11	22	22	37	38	40	46	28	15	26	18	11	6	26	30	23	30	34	25	6	17	14	27	8	22.7
BARREN RIVER RESERVOIR	MAX	34	39	48	58	56	30	29	25	28	35	48	53	55	63	61	40	35	41	33	24	34	40	49	47	47	55	43	28	35	63	42	42.5
	MIN	19	28	34	33	25	15	8	8	20	24	31	42	43	48	29	16	20	28	14	8	8	31	27	25	37	39	11	10	18	25	11	23.7
BERNHEIM FOREST	MAX	36	51	55	56	35	35	27	26	32	36	48	48	54	62	46	35	36	36	28	32	44	46	46	43	56	55	32	30	57	58	27	42.2
	MIN	13	31	28	35	22	10	4	7	20	22	35	38	40	45	29	14	26	19	11	4	27	26	20	27	32	26	7	17	14	26	7	22.0
BOWLING GREEN FAA AP	MAX	41	48	56	55	31	27	24	26	36	46	50	60	63	63	42	33	41	34	27	33	40	47	45	47	54	47	26	34	61	58	18	42.4
	MIN	20	29	32	27	20	16	11	19	23	20	37	43	50	37	25	21	30	23	16	10	26	36	28	35	37	21	13	21	23	17	1	24.7
BRADFORDSVILLE	MAX	32	39	55	58	57	26	29	26	32	35	49	48	57	63	58	38	35	37	31	22	37	40	48	46	55	56	35	30	43	59	31	42.2
	MIN	6	22	26	38	25	14		9	22	18	33	35	43	52	28	15	22	20	11	4	5	31	25	25	35	29	7	16	13	27	7	22.1
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	38	49	52	54	31	25	24	25	32	45	47	48	54	61	42	29	36	32	25	32	41	45	40	42	50	53	27	29	58	57	24	40.2
	MIN	16	30	35	31	21	12	9	11	21	22	37	38	41	42	27	12	26	21	10	9	25	32	24	36	35	21	10	15	20	23	9	23.3
GLASGOW WKAY	MAX	36	46	55	56	32	27	25	23	34	47	51	54	57	59	47	30	38	32	24	33	39	46	45	44	54	54	27	33	60	57	28	41.7
	MIN	15	30	34	32	23	15	8	17	22	23	40	42	49	47	27	10	17	24	12	8	26	35	25	34	36	27	9	18	17	28	9	24.5
GREENSBURG	MAX	34	38	48	58	55	30	31	28	30	35	50	52	55	63	60	40	35	40	32	25	35	40	46	47	45	55	37	27	34	60	40	42.1
	MIN	14	15	30	35	25	16	10	11	20	19	23	40	42	49	31	18	20	25	13	9	9	29	28	28	37	37	10	9	18	24	10	22.7
HODGENVILLE-LINCOLN NP	MAX	40	47	55	54	34	28	25	24	33	46		48	53	61	49	33	37		28	33	38	46	44	42	52	53	30	30	57	58	29	41.6
	MIN	12	36	32	34	23	12	8	11	21	25		38	42	47	28	15		21	10	7	26	33	23	29	35	27	8	15	16	28	8	23.1
IRVINGTON	MAX	40	48	52	55	34	26	25	25	27	41	48	47	52	62	42	32	37	32	29	30	44	46	45	43	54	53	31	27	58	58	23	40.8
	MIN	15	29	30	34	19	10	5	10	20	21	35	37	40	40	26	10	25	18	8	5	26	26	19	29	33	25	6	14	16	21	7	21.3
LEITCHFIELD 2 N	MAX	40	51	53	55	29	25	25	25	36	46	48	49	58	63	49	28	38	34	25	32	41	46	43	43	55	52	25	29	60	58	23	41.4
	MIN	17	29	30	29	20	13	9	11	22	25	36	39	42	40	27	18	28	24	11	9	26	25	25	36	33	25	8	18	17	23	9	23.4
LOUISVILLE	MAX	39	51	53	55	33	25	25	26	31	38	49	49	53	64	48	35	34	34	30	34	43	45	45	40	53	53	30	22	55	58	23	41.1
	MIN	22	34	34	33	21	13	10	18	23	26	33	37	39	41	28	18	28	16	12	13	28	28	25	32	35	26	7	18	20	23	6	24.1
LOUISVILLE WSO	MAX	41	52	54	57	29	25	23	25	31	38	49	42	59	63	34	29	33	28	24	32	43	45	41	40	53	47	22	25	58	56	16	39.2
	MIN	19	34	31	28	19	14	11	14	23	23	35	38	40	33	23	18	26	18	12	12	29	29	24	32	33	16	7	17	17	16	7	22.5
MAMMOTH CAVE PARK	MAX	38	47	55	55	32	25	25	23	33	48	50	52	57	61	46	30	40	36	26	32	37	45	46	44	52	53	29	32	61	59	30	41.9
	MIN	15	33	33	29	23	12	5	11	21	28	42	41	48	45	27	15	27	23	11	3	25	33	24	24	33	28	8	16	15	29	8	23.7

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
JANUARY 1971

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	35	39	50	56	56	30	28	24	26	34	46	50	53	64	51	36	33	39	31	24	33	39	48	46	44	54	36	27	32	62	37	40.7
	MIN	14	21	29	40	24	14	9	9	19	22	29	41	41	48	28	16	19	25	12	6	11	26	25	24	33	34	9	8	17	21	10	22.1
ROUGH RIVER DAM	MAX	37	43	53	55	55	29	29	26	27	35	47	47	50	63	61	35	32	39	31	27	34	43	44	44	41	52	33	28	30	60	33	40.7
	MIN	18	18	29	35	21	10	6	6	18	23	26	39	39	44	26	15	18	23	9	6	7	32	21	20	31	29	8	7	17	23	9	20.4
SCOTTSVILLE 3 SSW	MAX	39	51	55	56	34	26	24	25	35	46	51	54	58	62	52	33	39	34	29	34	39	47	51	47	54	53	30	34	62	60	30	43.4
	MIN	22	29	37	34	23	16	10	19	23	29	40	44	48	50	28	18	27	25	12	9	25	36	26	34	38	30	10	19	20	30	10	26.5
SUMMER SHADE	MAX	34	47	55	55	32	28	25	25	34	48	52	55	60	62	48	33	39	34	23	32	41	49	50	46	55	54	26	35	60	58	31	42.8
	MIN	14	31	32	32	23	16	10	18	24	25	40	42	50	48	27	15	26	21	12	7	24	36	25	30	35	26	10	18	16	30	9	24.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	39	46	48	58	47		24	27	35	46	49	50	57	66	59	35	38	36	27	34	40	47	46	46	55	55	29	34	56	58	30	43.9
	MIN	14	30	28	32	14		14	10	21	29	39	40	43	43	29	17	18	18	12	11	26	33	29	28	27	27	10	0	15	26	5	22.9
CARROLLTON LOCK 1	MAX	43	52	55	57	35	29	24	24	30	35	45	45	53	61	41	29	31	28	25	32	43	48	47	41	50	51	29	24	47	58	23	39.8
	MIN	14	33	27	35	23	11	7	11	20	20	25	34	36	40	27	15	24	10	12	7	27	29	23	26	27	23	4	16	9	23	4	20.7
COVINGTON WSO	MAX	39	48	53	57	29	24	22	24	31	38	43	40	55	58	33	27	28	25	21	30	44	46	41	41	50	48	19	18	56	53	14	37.3
	MIN	14	31	31	29	17	12	9	13	18	24	25	34	35	32	23	19	19	9	11	8	27	26	23	30	24	13	5	9	13	13	2	19.3
CYNTHIANA 2	MAX	31	38	50	56	57	37	26	23	26	36	39	47	41	61	55	30	33	31	27	21	33	41	48	42	41	53	34	21	24	56	30	38.3
	MIN	12	12	23	30	25	13	8	9	16	17	17	35	35	40	29	12	15	11	12	9	9	24	23	22	33	31	5	5	12	19	0	18.2
DANVILLE	MAX	30	38	48	56	57	26	28	24	29	35	44	50	50	61	59	36	33	35	28	21	34	39	46	42	44	55	38	24	28	57	31	39.5
	MIN	14	14	27	27	24	13	9	9	16	26	28	39	39	49	29	16	16	21	11	11	11	32	27	27	35	34	7	6	15	22	6	21.3
DIX DAM	MAX	38	50	53	57	42	27	26	24	33	43	50	50	55	61	55	33	34	32	28	32	40	47	47	42	55	55	31	26	55	54	34	42.2
	MIN	15	31	28	42	24	13	8	12	20	25	36	38	40	51	28	15	28	16	11	9	25	31	27	27	34	30	5	15	13	25	5	23.5
FALMOUTH 5 WNW	MAX	40	52	55	58	34	27	23	24	31	36	45	41	53	60	35	27	30	26	21	32	41	48	42	42	48	50	22	22	53	53	20	38.4
	MIN	8	28	19	32	18	8	4	5	21	24	28	32	35	35	26	13	23	7	8	5	23	24	18	19	29	21	3	8	0	18	- 1	17.5
FARMERS 1 WNW	MAX	36	49	49	59	45	29	24	25	34	46	50	46	53	61	50	31	32	30	23	32	41	46	45	40	54	54	26	22	49	54	27	40.7
	MIN	12	26	25	37	26	15	10	8	21	32	30	35	34	50	28	21	26	18	14	13	18	29	27	24	32	26	6	15	3	27	4	22.3
FLEMINGSBURG 1 SW	MAX																																
	MIN																																
FRANKFORT LOCK 4	MAX	33	41	51	55	59	34	31	31	29	33	39	49	43	60	62	37	32	32	30	25	34	42	48	49	45	55	39	24	28	59	34	40.7
	MIN	12	12	28	29	26	15	12	9	18	20	19	30	32	32	29	17	17	19	13	13	13	32	28	28	33	34	7	6	18	21	6	20.3
LEXINGTON WSO	MAX	36	47	54	55	28	26	22	24	32	39	48	43	58	60	36	29	32	26	21	30	40	47	42	43	53	50	20	21	55	52	17	38.3
	MIN	11	30	31	28	17	13	8	12	23	26	36	36	40	36	19	16	24	16	12	9	23	31	26	31	31	15	6	12	12	17	5	21.0
MAYSVILLE SEWAGE PLANT	MAX	32	36	50	52	56	28	26	22	25	34	42	43	41	61	54	31	29	31	26	21	32	42	47	41	38	52	38	20	22	56	35	37.5
	MIN	12	12	23	25	22	14	10	8	15	18	22	31	34	37	30	22	21	11	9	11	13	26	28	23	31	32	6	3	8	17	5	18.7
MOUNT STERLING	MAX	31	44	47	57	46	27	24	24	33	38	48	47	54	59	51	30	35	32	27	30	40	48	47	47	53	52	29	26	47	55	28	40.5
	MIN	13	24	27	46	25	14	9	11	20	28	29	37	37	51	28	18	20	16	12	11	23	30	26	27	34	28	5	15	10	27	3	22.7
OWENTON	MAX	30	41	50	56	55	29	25	22	32	30	37	45	42	60	51	31	29	30	25	20	36	41	47	40	42	54	26	27	22	55	34	37.5
	MIN	17	18	31	32	20	10	5	7	16	25	26	32	33	42	26	14	16	10	10	8	9	30	21	23	31	24	3	8	19	20	2	19.0
RICHMOND	MAX	34	36	47	57	56	35	29	25	29	34	45	49	50	60	60	36	30	34	27	22	33	39	49	43	44	53	35	24	29	56	31	39.7
	MIN	9	19	30	40	25	12	6	13	18	25	30	38	39	49	29	14	19	18	11	9	14	32	26	31	35	35	5	7	12	26	4	21.9
SHELBYVILLE	MAX	33	41	50	54	56	29	25	23	25	32	38	48	42	61	50	33	30	32	28	21	32	42	46	41	41	53	31	21	24	58	29	37.7
	MIN	15	15	30	31	23	11	7	7	16	23	24	35	35	41	27	16	16	15	11	9	9	27	24	23	31	29	5	5	13	20	4	19.3
WARSAW MARKLAND DAM	MAX	34	43	52	55	58	28	26	26	25	32	36	42	48	60	50	32	27	30	27	23	32	43	48	43	40	51	40	20	21	57	37	38.3
	MIN	12	10	23	31	24	8	8	7	9	17	19	24	34	37	29	17	8	12	10	10	9	26	24	20	27	32	7	7	9	15	6	17.1
WAYNESBURG 7 NE	MAX	37	41	55	56	44	26	22	22	33	46	50	51	55	62	56	32	35	33	25	30	40	45	46	45	52	53	29	27	55	56	27	41.5
	MIN	11	28	32	43	23	13	8	13	20	27	39	40	44	53	28	15	26	17	10	5	23	33	27	30	37	25	5	14	14	25	5	23.6
WILLIAMSTOWN 3 NW	MAX	40	51	52	63	34	26	23	23	30	33	44	44	52	60	40	27	30	30	22	31	41	46	42	43	47	50		20	51	55	19	39.0
	MIN	14	30	29	32	21	10	4	11	20	23	27	30	33	38	25	13	22	7	8	7	27	28	21	28	28	21	2	12	7	19	0	19.3
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	31	34	47	53	59	29	31	25	26	34	40	41	42	58	62	33	32	32	27	22	37	43	48	44	40	53	44	20	25	58	32	38.8
	MIN	11	14	23	27	29	17	10	9	11	12	23	25	36	38	32	23	23	16	13	11	12	26	26	21	32	34	9	8	7	17	9	19.5
BARBOURVILLE	MAX	34	45	50	59	61	30	30	28	34	47	53	58	51	60	70	43	38	39	34	21	35	48	52	50	49	63	45	25	34	61	50	45.1
	MIN	9	10	25	25	28	19	13	13	23	21	22	36	38	44	37	19	19	28	15	14	14	21	36	29	38	41	11	10	17	22	16	23.0
BAXTER	MAX	35	37	44	52	56	32	30	28	34	34	46	54	55	59	67	42	38	38	32	20	33	42	49	48	44	56	46	22	31	60	50	42.4
	MIN	14	14	25	26	31	22	16	16	24	21	21	31	35	40	40	21	21	28	17	15	16	20	36	29	33	39	12	12	12	18	17	23.3
BLAINE	MAX	31	33	48	55	55	30	32	27	26	36	42	51	44	58	66	34	32	34	28	22	34	42	46	45	40	57	43	22	28	53	33	39.6
	MIN	6	8	19	22	28	12	6	7	11	16	22	30	36	39	32	24	24	20	12	8	14	24	29	22	33	33	8	7	3	18	7	18.7
CUMBERLAND	MAX	42	46	55	59	58	31	31	33	41	45	53	54	58	67	64	37	36	35	27	33	42	47	55	45	56	55	34	29	50	49	22	44.8
	MIN	9	9	21	48	27	21	15	20	30	18	30	28	32	50	33	29	27	25	10	11	15	36	34	29	25	23	7	11	8		10	23.0
DEWEY DAM	MAX	32	28	38	50	48	37	30	25	27	38	44	52	46	58	64	36	35	34	27	21	31	45	47	42	42	55	48	20	25	58	37	39.4
	MIN	11	10	20	24	30	21	11	11	20	22	22	35	34	38	36	25	24	22	15	18	21	24	39	31	34	39	12	12	11	17	10	22.5
GRAYSON 5 SE	MAX	30	33	48	54	58	30	31	27	29	34	40	48	42	61	63	35	32	33	28	22	33	42	45	45	41	53	42	21	26	57	36	39.3
	MIN	8	19	21	22	28	14	7	8	17	16	16	25	36	38	32	23	23	18	15	9	14	24	28	20	30	32	8	8	5	18	7	19.0
HEIDELBERG LOCK 14	MAX	38	44	56	60	59	31	31	26	38	47	56	56	59	68	65	34	37	36	29	33	43	48	48	45	59	60	35	28	53	60	31	45.6
	MIN	11	20	26	36	27	17	8	14	22	18	34	32	37	50	32	20	29	22	14	11	18	35	29	26	36	31	9	18	12	29	9	23.6
HINDMAN 11 NNE	MAX																																
	MIN																																
HYDEN	MAX	33	33		50	55	32	28	26	30	43	44	54	54	61	66	38	36	38	29	20	30	45	49	45	48	60	44	23	30	60	45	41.6
	MIN	9	9		26	29	20	12	11	22	21	20	33	35	37	35	22	21	28	16	14	15	25	34	27	27	39	10	10	12	19	14	21.7
JACKSON	MAX	32	38	47	59	56	31	36	31	28	37	49	58	52	59	71	36	34	37	34	25	38	45	48	51	44	64	44	27	31	58	44	43.4
	MIN	14	13	26	27	29	19	14	12	21	20	20	34	38	42	35	22	21	25	14	15	18	23	36	28	34	39	10	9	9	18	13	22.5
LONDON FAA AP	MAX	33	40	52	57	32	28	25	25	40	48	54	55	57	64	51	32	36	29	18	31	43	47	47	47	59	53	20	30	57	58	23	41.6
	MIN	3	15	24	32	22	16	11	18	25	22	36	39	42	47	22	16	28	18	12	10	20	35	29	29	40	19	8	17	16	23	2	22.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MANCHESTER 4 SE	MAX	38	44	50	60	57	29	28	28	44	49	55	58	58	68	64	35	37	36	36	32	47	47	49	48	61	56	30	32	55		30	45.4
	MIN	4	11	22	37	27	18	10	20	25	20	37	34	47	53	33	19	29	25	14	12	19	36	32	27	38	29	10	18	14		11	24.4
MC KEE	MAX	32	38	40	55	58	27	29	24	28	37	49	54	51	57	65	34	32	35	26	18	32	41	47	45	46	58	40	22	28	57	40	40.2
	MIN	6	6	24	26	25	15	6	6	12	18	24	30	36	45	30	15	16	22	12	8	7	29	32	25	33	38	7	7	9	23	8	19.4
MIDDLESBORO	MAX	35	39	46	53	57	30	29	28	32	39	44	52	57	57	65	42	36	37	34	23	34	42	51	50	40	57	45	23	33	60	53	42.7
	MIN	16	15	24	27	29	22	15	15	22	26	34	34	38	48	41	19	19	29	16	13	12	26	37	29	26	35	5	6	16	24	18	23.7
MONTICELLO	MAX	39	46	56	57	42	30	26	27	43	54	60	59	60	68	55	35	39	36	24	35	45	48	54	50	60	57	28	34	58	58	27	45.5
	MIN	11	20	28	42	25	16	10	19	25	28	42	43	49	55	31	16	29	23	13	7	19	36	30	28	40	28	9	15	15	27	9	25.4
MOUNT VERNON	MAX	40	40	53	57	45	39	24	23	38	48	54	53	58	64	60	34	35	34	27	32	40	46	47	45	57	55	29	29	55	56	27	43.4
	MIN	12	28	28	44	24	14	9	13	21	27	39	38	45	54	29	15	28	19	11	7	21	34	29	28	38	28	6	15	13	26	6	24.2
PIKEVILLE	MAX	36	44	54	58	54	32		30	43	52	59	50	62	74	62	40	39	35	25	36	49	47	50	44	64	52	31	32	55	55	31	46.5
	MIN	17	24	26	39	30	24		22	26	23	32	35	37	50	32	25	31	24	15	15	16	33	33	27	40	30	11	17	12	30	15	26.4
SOMERSET 2 N	MAX	36	41	56	56	40	31	27	26	39	51	56	57	57	67	54	32	36	32	23	32	42	47	54	46	59	56	27	34	57	58	44	44.3
	MIN	7	26	26	40	24	13	9	19	23	21	39	39	45	53	29	13	29	21	12	7	21	35	31	28	29	27	8	16	15	22	8	23.7
STEARNS 1 W	MAX																																
	MIN																																
TOMAHAWK 1 WSW	MAX	30	30	45	53	54	34	29	26	28	38	45	53	45	61	65	40	33	35	26	23	32	45	48	44	41	57	45	25	28	60	42	40.6
	MIN	5	6	17	21	30	19	10	9	18	16	16	31	34	37	34	23	23	23	13	10	12	20	30	21	32	33	10	8	3	18	10	19.1
VANCEBURG	MAX	37	48	53	59	57	33	30	25	34	42	42	60	55	63	58	32	32	28	24	32	42	52	46	39	54	54	35	27	54	50	27	42.7
	MIN	15	11	23	42	27	13	7	6	22	10	31	36	36	43	30	22	23	14	13	10	15	29	26	29	32	30	6	15	2	27	5	21.0
WEST LIBERTY	MAX	31	35	45	55	57	30	32	27	26	39	44	53	45	59	64	32	34	29	29	21	33	41	46	45	43	39	38	19	25	58	38	39.1
	MIN	10	15	22	22	28	17	12	12	17	17	17	32	32	36	32	22	21	21	15	10	14	32	30	23	33	33	9	9	4	12	7	19.9
WILLIAMSBURG 1 E	MAX	41	48	54	60	55	30	29	29	44	54	59	59	56	70	67	39	38	39	29	36	49	45	58	51	60	57	35	36	57	60	30	47.5
	MIN	15	23	27	47	25	18	11	20	27	30	41	41	43	54	33	18	31	25	14	12	25	37	32	29	40	33	10	16	19	29	11	27.0

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	35	38	38	44	44	37	35	34	33	33	33	35	41	46	45	41	36	36	36	35	33	33	34	35	39	40	38	34	33	32	33	36.7
		MIN	35	34	36	38	36	35	34	33	33	33	33	33	35	41	41	36	36	36	35	33	33	33	33	34	35	38	34	33	30	32	32	34.6
	20	5PM	43	42	43	44	44	44	43	42	42	41	41	41	41	44	45	45	43	42	45	45	41	41	40	40	40	42	41	41	40	40	40	42.1
BEREA COLLEGE	4	MAX	36	40	43	49	49	-	37	36	35	36	37	40	46	49	55	45	44	39	38	36	35	35	39	46	-	-	42	42	35	35	35	40.6
		MIN	36	36	38	43	40	-	25	35	35	35	34	37	40	45	45	37	38	37	35	34	35	35	34	39	-	30	35	35	35	35	35	36.3
	20	5PM	45	45	45	45	46	-	45	45	43	42	43	43	44	46	43	45	45	44	43	43	43	43	43	42	42	43	43	43	41	42	42	43.6
CUMBERLAND GAP PARK	4	MAX	35	36	36	46	46	40	37	35	37	36	40	43	44	49	45	50	39	38	39	36	34	35	40	39	42	42	42	35	34	37	36	39.5
		MIN	35	35	35	35	40	37	35	35	35	36	36	37	43	43	43	39	38	38	35	34	34	34	35	38	38	42	35	34	34	33	36	36.7
	20	5PM	44	44	43	43	44	44	43	43	43	43	43	43	44	45	46	46	46	45	46	43	42	42	41	41	42	44	43	43	41	42	41	43.3
GLASGOW WKAY	4	MAX	40	41	45	51	51	44	39	37	36	39	42	42	46	48	48	46	41	41	41	37	36	40	40	40	43	43	42	37	39	41	40	41.8
		MIN	40	40	41	45	44	39	37	36	36	36	39	41	42	46	46	41	40	40	37	35	35	36	40	39	40	42	37	36	36	39	40	39.4
	20	6PM	44	44	45	45	45	44	43	42	42	42	42	43	44	45	46	45	45	44	43	42	41	42	42	42	42	42	42	41	41	42	42	43.0
GREENVILLE 2 W	4	MAX	39	40	40	45	45	40	36	36	44	36	36	40	44	47	48	42	48	42	37	35	34	34	35	38	40	40	39	35	35	40	39	39.6
		MIN	39	38	40	40	40	36	35	35	36	34	33	36	39	44	42	37	42	36	35	34	34	34	34	35	37	39	35	35	34	34	37	36.7
	20	5PM	44	44	44	44	45	44	43	42	42	41	41	41	43	44	45	44	43	43	43	42	41	40	40	40	41	41	41	41	40	40	40	42.2
HENDERSON 7 SSW	4	MAX	40	42	42	44	43	42	39	38	38	36	37	39	41	44	44	42	40	39	39	38	36	37	38	38	39	39	39	37	37	39	38	39.5
		MIN	39	40	41	42	42	39	38	38	36	36	36	37	39	41	42	39	39	39	37	36	36	36	37	38	38	38	37	36	36	37	36	38.1
	20	6PM	44	45	45	45	45	45	44	43	43	42	42	42	43	44	44	44	43	43	42	42	41	41	42	41	41	41	41	41	41	41	41	42.6
IRVINGTON	4	MAX	36	37	40	45	46	39	36	35	35	35	35	37	42	47	47	42	38	37	37	36	35	35	35	37	40	41	40	36	35	37	36	38.4
		MIN	36	36	37	40	39	36	34	35	35	35	35	35	37	42	42	38	37	37	36	35	35	35	35	34	37	40	36	35	35	35	36	36.5
	20	4PM	40	40	40	41	41	41	40	40	39	38	38	38	39	41	41	41	40	40	39	38	38	38	37	37	38	38	38	38	37	37	37	39.0
MAYFIELD RADIO WNGO	4	MAX	48	49	46	46	45	44	44	46	-	-	37	41	42	45	48	49	-	45	49	49	47	-	-	41	43	42	41	41	42	-	43	44.5
		MIN	46	43	45	45	41	41	41	44	-	-	37	37	40	42	44	47	-	44	45	47	38	-	-	40	41	41	38	40	40	-	42	42.0
	20	5PM	47	46	45	45	46	45	44	42	-	-	41	40	40	42	42	42	-	40	42	42	37	-	-	40	41	40	40	40	41	-	41	42.0
PRINCETON 1 SE	4	MAX	39	40	41	45	45	40	37	36	35	35	37	40	44	48	48	42	38	38	38	36	35	35	35	38	40	40	39	36	36	39	39	39.2
		MIN	39	39	40	41	40	37	36	35	35	35	35	37	40	44	42	38	38	38	36	35	35	35	35	35	38	39	36	35	35	35	37	37.3
	20	5PM	44	45	44	45	46	45	44	43	42	42	42	42	42	44	45	44	43	43	43	42	41	41	41	41	41	42	42	41	41	41	41	42.7
QUICKSAND	4	MAX	35	35	35	41	41	41	37	35	33	33	33	38	39	39	49	43	38	38	35	34	33	35	38	38	42	42	40	34	33	35	35	37.3
		MIN	34	35	35	35	35	35	35	33	33	33	33	33	37	37	39	38	37	34	34	33	33	33	35	35	36	40	34	33	33	32	35	34.7
	20	4PM	40	40	40	40	41	41	41	40	39	38	38	38	39	38	44	43	42	41	40	39	38	38	38	38	39	41	40	39	38	38	37	39.5
SANDY HOOK 4 NW	4	MAX	35	35	35	43	41	39	35	35	35	34	34	34	39	47	49	43	37	47	37	36	35	35	37	37	41	40	38	35	35	35	35	37.8
		MIN	35	35	35	35	39	35	35	35	34	34	34	34	34	39	43	37	37	37	36	35	35	35	35	36	36	36	35	35	34	35	35	35.6
	20	6PM	40	40	40	40	41	41	40	40	40	39	39	39	37	40	41	40	41	41	40	40	39	39	39	39	39	40	40	39	38	38	38	39.6
SOMERSET 2 N	1	MAX	39	39	42	47	47	41	37	35	38	39	43	45	47	53	52	46	46	40	38	34	34	39	43	41	45	44	41	35	39	41	41	41.6
		MIN	38	38	38	42	41	36	33	33	35	33	38	42	45	47	46	37	38	37	34	32	33	33	39	39	41	41	33	33	33	39	36	37.5
	4	MAX	39	39	41	46	46	42	38	35	36	38	42	44	46	51	50	46	46	40	39	35	34	38	48	38	43	43	42	35	37	41	43	41.3
		MIN	38	39	39	41	42	37	34	34	34	34	38	41	43	46	46	39	39	38	35	34	33	34	38	35	38	42	35	34	34	37	38	37.7
	20	6PM	47	46	46	47	47	46	45	44	44	44	44	45	46	48	48	47	47	46	45	44	43	43	43	44	44	45	44	43	43	43	43	45.0
WILLIAMSTOWN 3 NW	4	MAX	37	37	37	43	43	40	38	37	37	36	36	36	36	42	42	41	38	38	37	36	36	36	36	36	36	36	37	36	36	35	35	37.5
		MIN	37	37	37	37	40	37	37	36	36	36	36	36	36	36	41	38	37	37	36	36	36	36	36	35	35	35	35	36	35	35	35	36.4

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

CONTINUED

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
WILLIAMSTOWN 3 NW	20	6PM	41	41	41	41	42	41	41	41	40	40	40	40	40	40	40	41	40	40	40	39	39	39	38	38	38	38	38	38	38	38	38	39.6

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
FORDS FERRY DAM 50	SNOWFALL																		T													.7
	SN ON GND																		T													1
HENDERSON 7 SSW	SNOWFALL																	T													T	.6
	SN ON GND																															T
HOPKINSVILLE	SNOWFALL																		.5										T			2.5
	SN ON GND																															3
MURRAY	SNOWFALL																		.2										T			1.1
	SN ON GND																															T
OWENSBORO 2 W	SNOWFALL																														T	-
	SN ON GND																														T	-
PADUCAH FAA AIRPORT	SNOWFALL																		T									T			1.0	
	SN ON GND																		T													1
PARADISE STEAM PLANT	SNOWFALL																															1.8
	SN ON GND																															2
* * * CENTRAL 02																																
BARDSTOWN	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWLING GREEN FAA AP	SNOWFALL					T			T	T								T	T						T			T	T		3.0	T
	SN ON GND	T								T																						2
IRVINGTON	SNOWFALL									T								T	T												T	T
	SN ON GND																														T	
LOUISVILLE WSO	SNOWFALL					T			T	T								T	T	T									1.3		1.9	
	SN ON GND									T									T	T									1		T	2
	WTR EQUIV																															-
MAMMOTH CAVE PARK	SNOWFALL								T	1.0									T										T			2.0
	SN ON GND								T	T																						2
MILLERSTOWN	SNOWFALL									.1									T	T									T	T		.9
	SN ON GND	1	T	T						T	T								T	T									T			T
SUMMER SHADE	SNOWFALL								T									T	T													3.0
	SN ON GND																															3
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COVINGTON WSO	SNOWFALL					T		T		T							.5	T	T	.3							T		1.1	T	1.3	
	SN ON GND	T						T										T	T	T	T								1	1	T	1
	WTR EQUIV																															
CYNTHIANA	SNOWFALL	T								T								.2	T	T									.8	T	T	3.6
	SN ON GND																	T	T	T									1	T	T	4
DANVILLE	SNOWFALL	T								.3	T								T		T								T	.5	.6	1.5
	SN ON GND	2	T							T	T																		T		1	2
FARMERS 1 WNW	SNOWFALL	1.0								T									T										2.0			6.0
	SN ON GND	2	1							T									T										2	1		6
LEXINGTON WSO	SNOWFALL					T			.1	.1							T		T	T								T	1.3	T	2.5	
	SN ON GND	1	T							T	T									T	T								1	T	T	2
	WTR EQUIV																														.2	.3
MAYSVILLE SEWAGE PLANT	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	T					T			T								T		T	T						T		1	T		5
OWENTON	SNOWFALL																	T		T									.2		1.0	2.0
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSTOWN 3 NW	SNOWFALL					T				T							T	.3		.1									1.0		3.0	
	SN ON GND																T	T	T	T	T								1		3	3
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL									T									T	1.0			T		.5				.5		2.0	1.0
	SN ON GND																												1		2	3
DEWEY DAM	SNOWFALL	8.0								T										T	T								1.0			4.0
	SN ON GND	9	6	4	T					T										T	T	T							1	T		4
HEIDELBERG LOCK 14	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	2	2							T																			T	T		4
HYDEN	SNOWFALL	1.0																		T	T											-
	SN ON GND	9	8	-	1															T	T											-
LONDON FAA AP	SNOWFALL								T	T								T	T	T	T								T	T	2.0	2.0
	SN ON GND	6	3	1																									T			4
MIDDLESBORO	SNOWFALL																															1.5
	SN ON GND																															2
MONTICELLO	SNOWFALL																															3.6
	SN ON GND																															4
PIKEVILLE	SNOWFALL								T	1.5									T	T									1.0		4.0	
	SN ON GND	8	7							1									T	T									1		4	4
SOMERSET 2 N	SNOWFALL								T	T										T									T			3.0
	SN ON GND	T	T						T	T																						3

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	8P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	8P			JAMES H. CROKTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. QUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	682		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	482	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5087	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	670		7A			DONALD R. MARSHALL
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYONDA
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BEATRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	8P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		8A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 38	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4A	CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES M. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH M. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIODER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	85 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
NEW STATION												
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.
EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.
WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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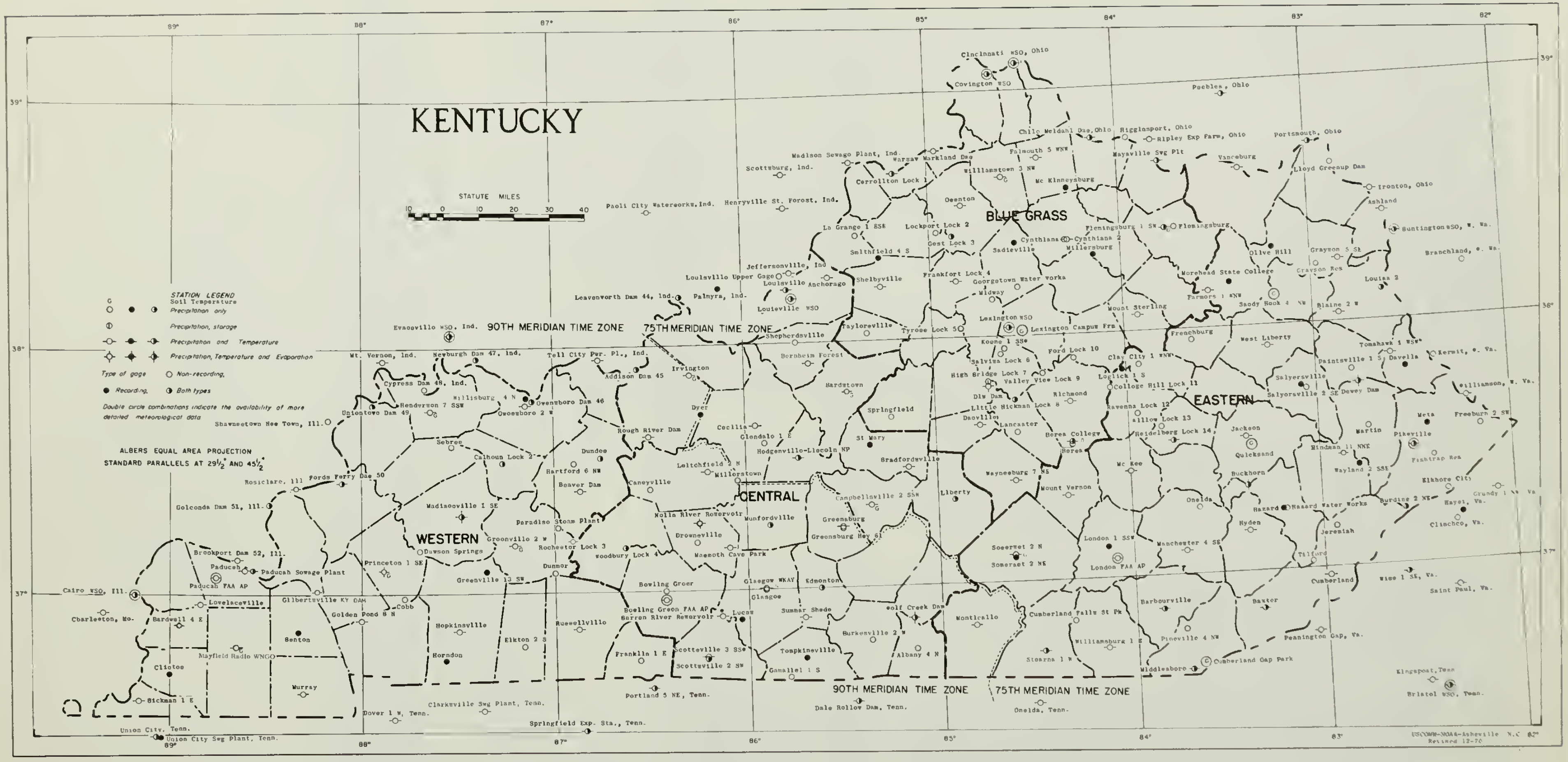
KENTUCKY
STATUTE MILES
10
0
10
20
30
40
STATION LEGEND
G Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording,
Recording,
Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
Cincinnati WSO, Ohio
Covington WSO
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind.
Warsaw Markland Dam
Falmouth 5 WNW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Scottsburg, Ind.
Carrollton Lock 1
Williamstown 3 NW
Mc Kinneysburg
Ironton, Ohio
Ashland
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Owenton
La Grange 1 SSE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Flemingsburg 1 SW
Flemingsburg
Huntington WSO, W. Va.
Branchland, W. Va.
Jeffersonville, Ind
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Olive Hill
Grayson 5 SE
Grayson Res
Louisa 2
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WSO
Farmers 1 ENE
Sandy Hook 4 NW
Blaine 2 W
Evansville WSO, Ind.
Shepherdsville
Taylorsville
Tyrone Lock 5
Lexington WSO
Lexington Campus Frm
Mount Sterling
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Bernheim Forest
Koone 1 SSE
Ford Lock 10
Clay City 1 WNW
Paintsville 1 S
Davella
Cypress Dam 48, Ind.
Willisburg 4 N
Owensboro Dam 46
Owensboro 2 W
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Loglick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Henderson 7 SSW
Uniontown Dam 49
Shawneetown New Town, Ill.
Dyer
Bardstown
Springfield
Dix Dam
Richmond
Little Hickman Lock 8
Ravenna Lock 12
Danville
Lancaster
Willow Lock 13
Meta
Freeburn 2 SW
Martin
Pikeville
Sebree
Rough River Dam
Cecilia
Glendale 1 E
St Mary
Berea College
Berea
Heidelberg Lock 14
Jackson
Quicksand
Fishtrap Res
Calhoun Lock 2
Dundee
Hartford 6 NW
Hodgenville-Lincoln NP
Leitchfield 2 N
Millerstown
Bradfordsville
Waynesburg 7 NE
Mc Kee
Hindman 11 NNE
Wayland 2 SSE
Rosiclare, Ill
Fords Ferry Dam 50
Beaver Dam
Caneyville
Liberty
Mount Vernon
Buckhorn
Elkhorn City
Grundy 1 NW, Va
Campbellsville 2 SSW
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hwy 61
Oneida
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Clinchco, Va.
Jeremiah
Hyden
Greenville 2 W
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Dawson Springs
Princeton 1 SE
Greenville 13 SW
Dunmor
Bowling Green
Glasgow WKAY
Glasgow
Edmonton
Tilford
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Cairo WSO, Ill.
Lovelaceville
Gilbertsville KY DAM
Cobb
Golden Pond 8 N
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Charleston, Mo.
Bardwell 4 E
Benton
Hopkinsville
Russellville
Elkton 2 S
Franklin 1 E
Scottsville 3 SSE
Scottsville 2 SW
Tompkinsville
Burkesville 2 W
Albany 4 N
Williamsburg 1 E
Pineville 4 NW
Pennington Gap, Va.
Mayfield Radio WNGO
Horndon
Clinton
Murray
Gamaliel 1 S
Stearns 1 W
Middlesboro
Cumberland Gap Park
Kingsport, Tenn
Bristol WSO, Tenn.
Hickman 1 E
Dover 1 W, Tenn.
Clarksville Swg Plant, Tenn.
Portland 5 NE, Tenn.
Springfield Exp. Sta., Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
Union City, Tenn.
Union City Swg Plant, Tenn.
USCOMM-NOAA-Asheville N.C.
Revised 12-70

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
FEBRUARY 1971
Volume 66 No. 2

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	46.9	26.4	36.7		69	18	5	9+	786	0	6	18	0	5.08		1.35	12	7.9	6	13+	8	4	2
BEAVER DAM	46.7	25.5	36.1		72	18	- 5	9	800	0	6	19	2	6.12		2.36	22	11.0	6	14+	10	3	2
FORDS FERRY DAM 50	45.4	26.4	35.9		71	18	4	9	807	0	6	17	0	4.43	1.10	1.83	22	7.5	5	14+	8	3	1
GILBERTSVILLE KY DAM	48.2	28.3	38.3		71	18	5	9	741	0	4	16	0	5.54		1.61	22	8.0			8	4	2
GOLDEN POND 8 N																							
GREENVILLE 2 W	47.3	26.0	36.7	- 2.7	71	19+	- 5	9	788	0	6	19	2	6.64	2.93	3.17	22		7	13	9	3	2
HENDERSON 7 SSW	44.7	27.0	35.9	- 2.7	70	18	3	9	809	0	8	18	0	4.99	1.48	1.24	12	13.4	6	12	11	3	2
HICKMAN 1 E	48.3	28.3	38.3		71	18	6	9	740	0	5	18	0	4.77		1.38	12	8.0	6	12	9	3	1
HOPKINSVILLE	46.8	23.8	35.3	- 4.4	74	19	- 1	9	828	0	7	20	2	7.39	3.38	3.20	22	10.0	6	13	7	4	2
LOVELACEVILLE	48.4	26.3	37.4	- 2.8	72	18	3	9	770	0	5	19	0	5.48	1.35	1.31	12	8.0	6	12	10	5	2
MADISONVILLE 1 SE	47.1	24.4M	35.8M		71	18	2	9	845	0	6	19	0	8.19		3.44	22	7.0	5	14+	8	5	2
MAYFIELD RADIO WNGO	47.6M	26.8M	37.2M		75	18	3	9	771	0	5	18	0	7.92				9.1					
MURRAY	47.5	28.7	38.1	- 2.8	71	18	2	9	746	0	5	18	0	7.09	3.00	1.90	21	10.0	4	13+	7	4	3
OWENSBORO 2 W	44.8	26.9	35.9	- 2.5	70	18	0	9	809	0	6	18	1	5.82	2.44	2.40	22	8.5	6	14+	10	3	1
PADUCAH FAA AIRPORT	46.2	27.6	36.9		70	18	3	9	779	0	6	17	0	4.94		1.89	21	5.2	3	14+	7	3	2
PADUCAH SEWAGE PLANT	46.0	25.6	35.8		73	19	5	10	811	0	7	19	0	4.60	.84	1.94	22		4	13	7	3	1
PRINCETON 1 SE	47.6	27.1	37.4	- 2.4	71	18	- 1	9	767	0	6	18	1	5.38	1.40	2.00	22	10.0	6	13	9	2	2
ROCHESTER LOCK 3	45.6M	24.1M	34.9M		71	19	2	1	836	0	7	20	0	5.11		2.52	22				6	3	1
RUSSELLVILLE	46.5	22.9	34.7	- 4.2	71	19	- 3	9	841	0	6	18	3	5.71	1.39	2.00	22	8.0			8	5	1
DIVISION			36.5	- 3.2										5.84	1.97			8.8					
* * * CENTRAL 02																							
ANCHORAGE	45.6	24.6	35.1	- 1.3	69	18	- 5	2	831	0	5	21	3	6.20	3.02	2.12	22	8.1	6	9+	9	7	1
BARDSTOWN	48.3	26.4M	37.4M		71	18	- 3	9	756	0	5	19	2	0 4.68		1.47	22	9.0			9	4	1
BARREN RIVER RESERVOIR	46.8	22.1	34.5		73	19	- 8	1	847	0	7	19	5	4.56		1.02	13	8.5	6	9	9	4	1
BERNHEIM FOREST	48.6	24.4	36.5		71	18	- 8	9	791	0	5	20	4	6.31		1.90	22		9	9	10	5	2
BOWLING GREEN FAA AP	47.4	25.0	36.2	- 3.9	71	18	- 6	9	799	0	7	18	4	4.48	.36	.80	12	7.5	5	9	8	5	0
BRADFORDSVILLE	49.0	24.8	36.9		72	19	- 8	9	781	0	6	19	3	3.07		.70	22	7.0	5	10+	6	3	0
CAMPBELLSVILLE 2 SSW	49.1	26.8	38.0		72	18	-10	9	752	0	5	15	2	5.08		1.34	22						
CECILIA	46.2	25.8	36.0	- 1.1	70	18	- 7	10+	806	0	5	19	2	4.70	.84	1.70	22	12.3	9	8	8	3	1
GLASGOW WKAY	47.2	26.3	36.8		71	18	- 6	9	784	0	5	16	3	4.41		.69	5	8.0	6	9+	12	4	0
GREENSBURG	47.7	21.6	34.7	- 4.1	73	19	- 4	3+	843	0	7	22	5	4.62	.65	1.04	13	10.0	5	9	8	5	1
HODGENVILLE-LINCOLN NP	48.4	26.0	37.2		72	18	- 8	9	773	0	5	16	2	4.70		1.30	22	13.0	9	10+	9	5	1
IRVINGTON	46.3	24.8	35.6	- 2.8	70	19	- 4	9	820	0	6	22	3	6.01	2.41	2.71	22	11.0	6	13+	9	4	1
JAMESTOWN 8 SSW																							
LEITCHFIELD 2 N	46.6	26.3	36.5	- 2.5	71	19	- 5	9	792	0	6	18	2	6.46	2.47	2.09	22	11.0	7	9	11	6	1
LOUISVILLE	46.6	28.1	37.4		67	19+	3	9+	766	0	6	16	0	5.50		2.68	22		6	8	8	4	1
LOUISVILLE WSO R	44.0	26.0	35.0	- .8	69	18	1	9	833	0	8	17	0	6.28	2.99	1.58	21	11.9	7	9	9	6	1
MAMMOTH CAVE PARK	48.3	25.2	36.8		72	18	- 6	9	786	0	5	19	3	4.66		1.18	22	12.0	8	8	9	5	1
NOLIN RIVER RESERVOIR	46.1	20.9	33.5		71	19	- 8	10	875	0	7	22	4	5.27		1.61	22	9.5	7	10+	8	4	1
ROUGH RIVER DAM	44.6	21.4	33.0		70	19	- 5	10	889	0	7	22	2	6.54		2.63	22	11.0	7	10+	10	4	1
SCOTTSVILLE 3 SSW	48.7	27.8	38.3		72	18	- 4	1	741	0	4	16	2	4.51		.91	5	9.0	6	8	10	3	0
SUMMER SHADE	48.4	25.6	37.0		71	18	-10	9+	778	0	5	17	4	4.87		.72	5	7.0	5	9+	11	5	0
DIVISION			36.1	- 2.6										5.15	1.31			9.8					
* * * BLUE GRASS 03																							
BEREA COLLEGE	50.1	28.0	39.1	- .1	73	18	- 4	2+	723	0	5	14	2	0 4.55	.79	1.10	5				7	4	2
CARROLLTON LOCK 1	45.9	25.1	35.5		67	22	- 5	2	823	0	6	18	3	7.06	4.05	3.14	22	12.6	7	9	9	4	1
COVINGTON WSO R	42.2	24.4	33.3	.2	69	22	- 3	2	881	0	8	19	4	5.89	2.98	1.51	22	13.3	8	9	12	4	2
CYNTHIANA 2	42.5	20.0	31.3		70	19	- 8	3+	938	0	8	23	5	5.12		1.56	22		9	10+	9	3	1
DANVILLE	44.8	23.2	34.0		70	19	- 1	10	862	0	8	22	2	3.98	.00	.81	13	8.6	9	9	8	3	0
DIX DAM	49.5	26.3	37.9		72	18	- 2	9+	750	0	5	19	4	3.97		1.06	4						
FALMOUTH 5 WNW	45.9	23.5M	34.7M		69	22	- 5	9+	835	0	6	20	3	4.59	1.34	1.64	22	10.0	8	11+	7	4	1
FARMERS 1 WNW	49.3	25.1	37.2	- .6	73	22	- 9	2	771	0	6	18	2	4.12	.49	.95	4	8.5	8	9	8	3	0
FLEMINGSBURG 1 SW	45.3	24.8	35.1		70	22	- 8	2	832	0	6	19	3	3.58		.82	22		8	10+	8	2	0
FRANKFORT LOCK 4	44.8	21.5	33.2	- 4.2	71	19	- 3	3+	886	0	7	23	4	4.46	1.24	1.55	22	8.5	6	10+	8	3	1
LEXINGTON WSO R	44.4	25.2	34.8	- 1.0	69	18	- 2	2+	838	0	6	17	3	4.72	1.30	.79	8	9.1	7	10+	9	5	0
MAYSVILLE SEWAGE PLANT	42.7	21.8	32.3	- 3.8	70	23	0	2+	911	0	8	22	2	4.53	1.14	1.50	22	11.0	9	9	8	3	1
MOUNT STERLING	47.6	25.8	36.7		70	22	- 3	1	787	0	6	19	3	4.32	.64	1.20	3	11.1	10	14+	8	3	1
OWENTON	43.5M	23.6	33.6M		66	23	- 2	2+	856	0	7	18	4	0 4.31		1.50	5						
RICHMOND	45.1	23.4	34.3		69	19	- 4	2+	854	0	8	20	4	4.10		.87	4	8.5	7	9	8	2	0
SHELBYVILLE	42.1	22.1	32.1	- 4.9	68	19	- 3	3+	914	0	8	20	5	5.17	1.63	2.05	22	5.9	5	11+	8	4	1
WARSAW MARKLAND DAM	42.0	21.2	31.6	- 4.6	67	23	0	14+	927	0	9	21	2	7.35	4.07	2.59	22	19.3	9	9	14	3	1
WAYNESBURG 7 NE	47.8	26.4	37.1		69	18	- 5	1	775	0	6	16	4	0 4.73		1.22	5	12.0	8	10+	9	5	1
WILLIAMSTOWN 3 NW	44.9	24.6	34.8	- 1.1	67	22	- 5	1	840	0	6	20	3	4.60	1.21	2.10	22	11.0	7	10+	10	2	1
DIVISION			34.7	- 2.8										4.80	1.24			10.7					
* * * EASTERN 04																							
ASHLAND	45.9	21.1	33.5	- 5.1	73	23	- 3	10+	874	0	8	23	4	2.72	- .35	.62	5	6.5	6	10+	9	2	0
BARBOURVILLE	49.6	21.0	35.3		72	23	- 3	11+	828	0	5	22	5	3.32		.92	5				8	2	0
BAXTER	48.8	22.1	35.5		71	23	0	11+	823	0	5	20	5	3.20		1.18	5		4	10+	9	2	1
BLAINE	46.5	17.4M	32.0M		74	23	-10	3+	917	0	7	23	6	0 4.30		1.33	5						1
CUMBERLAND	52.4	24.7	38.6		72	22	- 5	10	734	0	4	18	2	3.34		.74	5		3	5+	9	2	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 17

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY OAM	46.4	23.4M	34.9M		72	23			815	0	6	23		3.41		.77	5	10.0	6	14	9	3	0
GRAYSON 5 SE	45.5	18.9	32.2		74	23	-10	3+	914	0	7	23	6	3.06		.75	4	11.0	6	10+	9	2	0
HEIOELBERG LOCK 14	51.6	23.8	37.7		74	22	- 9	2	755	0	6	19	4	4.27	.27	1.09	5	7.5	6	9	8	4	1
HINOMAN 11 NNE	49.4	20.1	34.8		73	22	- 7	1	840	0	3	24	4	1.40		.35	14	8.0	4	1	8	0	0
HYOEN	47.4M	19.7M	33.6M		73	23	- 6	2	875	0	6	22	7	2.91		.94	5				8	2	0
JACKSON	49.6	22.2	35.9		75	23	- 3	3	810	0	4	19	3	3.42		.97	5				8	2	0
LONOON FAA AP	47.1	23.3	35.2		70	22+	-11	1	829	0	5	20	4	3.48		.60	4	5.2	4	10+	8	2	0
MANCHESTER 4 SE	51.3	23.5	37.4		73	22	-11	1	766	0	5	19	4	7.62		2.07	5	6.0			9	4	3
MC KEE	45.8	17.9	31.9		71	23+	-11	10+	920	0	8	25	7	4.72		1.20	5	10.0	7	10+	9	4	1
MIOOLESBORO	46.6	22.6	35.6		71	23	0	2	816	0	5	22	1	3.82		1.29	5				8	2	1
MONTICELLO	49.6	25.5	37.6		73	18	-11	10	761	0	4	18	3	4.64		.80	5	7.6	5	9	9	5	0
MOUNT VERNON	49.8	26.8	38.3		71	18	- 7	2	743	0	5	17	4	5.48		1.51	5	8.0	6	8	8	6	1
PIKEVILLE	53.7	27.1	40.4		77	22	1	2	681	0	3	18	0	2.52	- 1.28	.74	4	8.9	4	13	6	2	0
SOMERSET 2 N	49.5	24.4	37.0		71	18	-13	1	778	0	5	18	4	5.04		1.00	5	8.5	6	9+	8	4	1
STEARNS 1 W														4.26		1.52	5	10.5					1
TOMAHAWK 1 WSW	48.0	18.1	33.1		74	23	- 9	2	887	0	6	23	5	3.57		.92	4	11.0	5	9	9	2	0
VANCEBURG	48.4	24.7	36.6		73	22	- 7	2	789	0	6	17	3	0 5.54	2.14	2.00	5	8.0			9	5	1
WEST LIBERTY	46.8M	18.7M	32.8M		75	23	- 9	3	898	0	7	26	5	3.50		1.00	4		5	10+	8	3	1
WILLIAMSBURG 1 E	52.9	25.4	39.2	- 1.6	72	22	1	1	717	0	4	19	0	3.52	- .90	1.03	5				8	1	1
OIVISION			35.6	- 3.9										3.88	- .15			8.4					

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	77	OATE	22
LOWEST TEMPERATURE SOMERSET 2 N	- 13	OATE	01
GREATEST TOTAL PRECIPITATION MAOISONVILLE 1 SE	8.19		
LEAST TOTAL PRECIPITATION HINOMAN 11 NNE	1.40		
GREATEST 1 OAY PRECIPITATION MAOISONVILLE 1 SE	3.44	OATE	22
GREATEST TOTAL SNOWFALL WARSAW MARKLANO OAM	19.3		
GREATEST OEPTH OF SNOW 2 STATIONS	10	OATE	14+

See Reference Notes Following Station Index

KENTUCKY - FEBRUARY 1971

SPECIAL WEATHER SUMMARY

Highlights of February weather were: much above average snowfall and number of days with snow cover (1 inch or more); a number of windy days; temperatures below average over the greater part of the State (the first half of the month much below average, and the latter half above average); precipitation moderate to heavy and some type of precipitation falling on 40 to 50 percent of the days; a tornado in southwest Kentucky on the 19th; flooding in the west at the end of the month.

Snow from 1 to 5 inches in depth lay over the greater part of the State as the month began. Freezing rain on the 3d made conditions hazardous. Moderate to heavy rains on the 3d-5th, together with snowmelt, were responsible for: moderate rises on the upper Cumberland River in southeast Kentucky on the 5th and 6th, crests running from three-fourth-bankfull to bankfull from Baxter to Williamsburg; rises to near or exceeding bankfull of smaller streams and creeks in parts of eastern Kentucky; moderate rises along other streams in eastern Kentucky and along portions of the Ohio River and its tributaries.

The heaviest statewide snowfall of the winter season to date fell on the 7th-8th, closing schools in many areas, and closing principal highways throughout the State to truck traffic. Strong winds resulted in drifts to 12 feet in some sections. More snow fell on all sections on the 12th-13th, heaviest in the west. Drifts to 10 to 15 feet were reported in some areas in the west. The Ohio River at Fords Ferry in western Kentucky rose to near or above flood stage from about the 11th-14th.

Heavy rains on the 21st and 22d caused: some flooding of low places and low sections of streets and roads in portions of the State; appreciable rises along the upper Ohio River along the northeast border of Kentucky; rises to near bankfull along portions of the Ohio River and its tributaries in north-central Kentucky; rises to flood stage and above over the lower Green River and along rivers bordering western Kentucky from about the 23d or 24th, water levels continuing to rise at the end of the month along the western border of Kentucky. The U. S. Department of the Interior Geological Survey reported (Water Resources Review) that, "In Kentucky, (ground) water levels in several parts of the State were near record highs for February as the result of recharge from the heavy rains. At Fulton, in the western part, the level in an observation well was the highest in the 26 years of record."

A tornado touched down briefly in western Kentucky at Murray on the 19th, causing some local damage but no injuries. High winds were responsible for some damage: in Calloway and Trigg Counties on the 19th; in Ballard and McCracken Counties on the 21st; in the Blue Grass (with one injury) on the night of the 26th. A greater than average number of thunderstorms were reported as having occurred in one or more sections of the State on the 4th, 5th, 6th, 12th, 18th, 19th, 21st, 22d, and 26th.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication were completed. For further details for these and other events see the accompanying tables; this month's issues of STORM DATA and CLIMATOLOGICAL DATA NATIONAL SUMMARY. For possible additional data concerning the flooding in western Kentucky at the end of the month which continued into March, see the March issues of those publications.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	5.08			.45	.05	.53		.12	.06			T	1.35	.02				.06		.36	.01	.70	1.15	T		.03	.19					
BEAVER DAM	6.12			.26	.12	.46			.49				1.08	.36						.53		.32	2.36				.14					
CALHOUN LOCK 2	5.24	T	T	T	.74	.48		T	.07	T			.08	1.20				.05			.37		1.99	T			.03	.23				
COBB	6.14				.45	.62			.10				.42	1.08				.10			.45		2.92				T	T				
DAWSON SPRINGS	6.54			.10	.65	.51		T	.34	T			.58	1.40			T				.46	T	2.40				T	.10				
DUNDEE	6.52				.68	.46			.46				.97		.49			.04			.64		2.56			T	.22					
DUNMOR	5.18			.10	.81	.45			.23	T			.09	.74				.03			.73		1.95				.03	.02				
ELKTON 2 S	5.96				.61	.52			.27	.19			.05	.78	T			.07			.80		2.63				T	.04				
FORDS FERRY DAM 50	4.43		T	T	.37	.43		T	.06	T			.05	.72				.13			.62		1.83	T			.10	.12				
FRANKLIN 1 E	-			.03	.46	.66			D .40D	.10			.49	-				.14			.69		1.05					.14				
GILBERTSVILLE KY DAM	5.54			.40	.05	.42			.17				1.39					.04		.51		.65	1.61			.04	.26					
GOLDEN POND 8 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GREENVILLE 2 W	6.64			.40	.30	.50			.38				1.15	.19						.25		.22	3.17			.01	.07					
HARTFORD 6 NW	6.27			.08	.69	.46			.19	.09			.53	.83							*	*	3.22	T				.18				
HENDERSON 7 SSW	4.99			.32	.13	.26		.04	.26				1.24	.17	T			.10		.61		.35	1.22	T		T	.23	.06				
HICKMAN 1 E	4.77			.30	.20	.47		T	.20				1.38	T				.16		.43		.81	.76	.01		.01	.04					
HOPKINSVILLE	7.39			T	.48	.65			.36	.06			.15	1.55				.07			.79	T	3.20					.08				
LOVELACEVILLE	5.48			.55	.13	.65	T		.05				1.31					.30		.42		.65	1.20			.10	.12					
MADISONVILLE 1 SE	8.19			T	.68	.50			.21	.04			.45	2.15	T						.57		3.44				T	.15				
MAYFIELD RADIO WNGO	7.92			*	1.14	.26		T	.88				2.01					.18		.68		*	2.12	.37		*	.28					
MURRAY	7.09			.39		.44		.02	.22				1.69	.04				.07		.55		1.90	1.70	.02		T	.05					
OWENSBORO 2 W	5.82			.26	.39	.25		T	.34				.53	.98							.37		2.40				.10	.20				
OWENSBORO DAM 46	D 5.66				.63	.43		T	D .20	.01			.12	1.10				.10			.41		2.28				.12	.26				
PADUCAH FAA AIRPORT	4.94			.41	.50			.14	.02			.02	1.05	T	T			.09		.47		1.89	.03			.08	.24					
PADUCAH SEWAGE PLANT	4.60			.03	.30	.45		T	.25	T	T		.64	.20				.07		T	.58		1.94	T			.09	.05				
PARADISE STEAM PLANT R	6.73				.74	.54			.40	.15			.05	1.10							.82		2.80				.03	.10				
PRINCETON 1 SE	5.38			.33	.22	.35		T	.12				1.33	.08				T		.36		.37	2.00			.04	.18					
ROCHESTER LOCK 3	5.11			.01	.64	.46			.26	.07			.04	.89				.03			.10		2.52				.04	.05				
RUSSELLVILLE	5.71			.10	.60	.75			.33				T	.90	.05			.07			.81		2.00					.10				
SEBREE	6.72			T	*	1.10			.72				T	2.00				.17			.46		2.18				.09					
UNIONTOWN DAM 49 //	4.48			T	.50	.49		.03	.01	T			.32	.56	T	T		.18			.45		1.47	T			.10	.37				
* * * CENTRAL 02																																
ADDISON DAM 45 //	6.50				.78	.48		.03	.05	.02			.06	1.03	T			.08	T		.65		2.84	.10	T		.15	.23				
ALBANY 4 N	5.56				.58	1.12			.35	.15				.63	.07			.07			.81		1.13					.65				
ANCHORAGE	6.20			.29	.70	.50		T	.55	T			.41	.50						.05	.50		2.12	T			.58	T				
BARDSTOWN	D 4.68			.40	.67	.27			D .60				.12	D .30				.04			.60		1.47				.21					
BARREN RIVER RESERVOIR	4.56			T	.68	.43			.27	.19			T	1.02	.03			.27			.69		.81	T				.17				
BERNHEIM FOREST	6.31			.37	.58	.34			.85	.21			.13	1.07				.03			.62		1.90				.20	.01				
BOWLING GREEN	4.32			.10	.61	.52			.20				.05	.65				.10			.69		1.25					.15				
BOWLING GREEN FAA AP	4.48			.68	.55			.02	.50			.02	.80	.09				.06		.43		.74	.43	T		T	.16					
BRADFORDSVILLE	3.07					.61			.46					.45							.52		.70					.33				
BROWNSVILLE	4.74			T	.65	.55			.32	.18			.05	.84	.02			.04			.58		1.36	T	T		T	.15				
BURKESVILLE 2 W	5.45				.75	1.11			.39	.26				.70				.05			.96		.72					.51				
CAMPBELLSVILLE 2 SSW	5.08				.25	.58			.50				*	1.20							.84		1.34				.37					
CANEYVILLE	6.41				.80	.66			.29	.19			.12	.72							1.07		2.23				.17	.16				
CECILIA	4.70			.63	.23				.65				.33	.42				.01		.45		.23	1.70	T		T	.05		T			
EDMONTON	4.87				.90	.93			.33	.03				.80				.10			.90		.53					.35				
GAMALIEL 1 S	5.24			T	.64	1.24			.23	.04				.79	.02			.05			1.17		.75	T	T			.31				
GLASGOW	-				1.06	.70			-	-				.95				.03			.81		.82	T				.32				
GLASGOW WKAY	4.41			.50	.18	.69			.31				.50	.39				.05		.50	.42	.25	.29	T			.22	.11				
GLENDALE 1 E	4.96				.90	.35			.10	.30				1.10							.52		1.30	.29				.10				
GREENSBURG	4.62				.71	.64			.33	.17			T	1.04	.02			.02			.64		.72	T			T	.33				
GREENSBURG HIWAY 61	4.67				.74	.71			.30	.26			T	1.03	.02			T			.62		.68				T	.31				
HODGENVILLE-LINCOLN NP	4.70			.35	.55	.31			.53				.10	.83				.05		T	.53		1.30			T	.15					
IRVINGTON	6.01			.43	.43	.62			.10				.27	.54				.01			.64		2.71				.26					
JAMESTOWN 8 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LEITCHFIELD 2 N	6.46				.71	.50			.22	.45			.10	.76	.17			.55			.73		2.09	T	T		.01	.17				
LIBERTY	4.47				.77	.87			.17	.27			.02	.77	.06			.02			.76		.36					.40				
LOUISVILLE	5.50			.29	.52	.26		.01	.54				.17	.05				.06		T	.54		2.68	T	T		.38					
LOUISVILLE WSO R	6.28			.41	.69	.02		.04	.75			T	.81	.18	T	T		.03		.52		1.58	.95	T	T	T	.30					
LOUISVILLE UPPER GAGE	6.29				.90	.30		.03	.17	.21			.06	.88	T	T		.13			.60		2.63	T			.20	.18				
MAMMOTH CAVE PARK	4.66			.28	.30	.52			.52	T			.15	.92							.57	T	1.18	T		T	.19	.03				
MILLERSTOWN	5.24			T	.94	.44			.33	.17			.06	.81	T			.04			.60		1.67	T	T		.04	.14				
MUNFORDVILLE	4.79			T	.68	.52			.30	.25			.03	1.06	.01			.01			.67		1.00				T	.26				
NOLIN RIVER RESERVOIR	5.27			T	.62	.44			.40	.26			.04	.90	.07			.05			.64		1.61				T	.24				
ROUGH RIVER DAM	6.54			T	.93	.31			.35	.27			.10	.97	.18			T			.63		2.63				T	.17				
SCOTTSVILLE 3 SSW	4.51			.24		.91			.55				.44	.42						.31	.67	.33	.44				.20					
SCOTTSVILLE 2 SW	4.46			T	.55	.60			.45	.15				.85	.03			T			.88		.95									
SHEPHERDSVILLE	5.39				.82	.33			.19	.32			.03	.80	.01	T		.03			.48	T	2.12	T	T		.10	.16				
SUMMER SHADE	4.87			.62	.23	.72			.45				.50	.50						.65	.30	.16	.41	T			.33					
WOODBURY LOCK 4	5.23			T	.64	.64			.26	.20			T	.50	.16			.08			.70		2.00				T	.05				
* * * BLUE GRASS 03																																
BEREA COLLEGE	D 4.55				1.00	1.10			D .70				.44	.05							.52		.33				.33	.08				
BEREA	4.70				.98	1.15			.21	.52				.46	.10				T		.52		.34				T	.42				
CARROLLTON LOCK 1	7.06				.92	.30		.06	.23	.49			.06	.75	.04	.03		.12			.52		3.14		T		T	.40				
COVINGTON WSO R	5.89			.10	1.05	.42		.11	.48	T			.59	.11	.02	.01		.11		.34	T	.72	1.51	T	T	T	.28	.04				
CYNTHIANA	4.74				.87	.36			.23	.60				.57	.12	.02		.01			.36		1.21	.03	T		.03	.33				
CYNTHIANA 2	5.12				.80	.37			.35	.48			.05	.71	.10			T			.35		1.56		T		.03	.32				
DANVILLE	3.98				.60	.63			.32	.35				.81	.09						.46		.44					.28				
DIX DAM	3.97				1.06	.41			.30	.20			T	.65				.03			*	*	1.00					.32				
FALMOUTH 5 WNW	4.59				.93	.39		T	.16	.55			.02	.58	.02	T		T	T		T		1.64	T	T		.02	.28				
FARMERS 1 WNW	4.12				.95	.73			.81	.46				.15	.06	T		T			.14		.33	.03	T		.03	.43				
FLEMINGSBURG	4.31				.77	.65			.17	.68			.07	.40	.10	T		.02	T		.27		.79	T			T	.39				
FLEMINGSBURG 1 SW	3.58			.19	.57	.49			.43	.01			.07	.38		T		.01			.23		.82	T			.38					
FORD LOCK 10	5.41				1.04	.48			.04	.76	.86	.48	T	.56	.08		T	T			.38		.35				T	.38				
FRANKFORT LOCK 4	4.46				.69	.21			.16	.35			T	.71	.04						.47		1.55		T		.03	.25				
GEORGETOWN WATER WORKS	4.53				.74	.37			.50	.09				.71							.43		1.36					.33				
GEST LOCK 3	4.37				.65	.28		T	.16	.19			T	.53	.03	T		T			.40		1.94				.06	.13				
HIGH BRIDGE LOCK 7	4.38				1.08	.36			.17	.38			.04	.66	.08			.02			.49		.78		T		T	.32				
KEENE 1 SSW	-				1.34	.38			D .20	.50				.60	.18			.11			*	*	.71					-				
LA GRANGE 1 ESE	6.41			.27	.50	.35		.02	.89	T			.11	1.00		.06		.09		T	.64	.02	2.10	T		T	.34	.02				
LANCASTER	*				.64	.82			.30	.31				.65	.03						*	*	.87					*				
LEXINGTON WSO R	4.72			.43	.70	.07		T	.79	T			.55	.27	T	T		.02		.53		.65	.29	T	T	T	.39	.03				
LITTLE HICKMAN LOCK 8	3.77				.80	.28			.14	.53				.65				T			.47		.36					.54				
LOCKPORT LOCK 2	5.16				.72	.33		T	.16	.39			T	.60	.11			.04			.46		2.09				.06	.20				
MAYSVILLE SEWAGE PLANT	4.53				.96	.47	T		.15	.20			.05	.53	T	.04		.05			.23		1.50	T				.35				
MIDWAY	4.80				*	1.15			.27	.37				.75	.09			T			.47		1.48				T	.22				
MOUNT STERLING	4.32			1.20	.50	.42			.93				T	.21	T						.30		.30	T		T	.46					
OWENTON	D 4.31				.66	1.50	T		*	1.02				.30	T			T			.42	T	D .20	T			.06	.15				
RICHMOND	4.10			.03	.87	.86			.30	.37				.43	.06			.02			.42		.32	T	.02		T	.40				
SALVISA LOCK 6	4.94				.81	.50			.24	.42			.08	.81	.07			.04			.57		1.05				T	.35				
SHELBYVILLE	5.17				.86	.19			.19	.29			.06	.73	T			.01			.54		2.05				.05	.20				
SPRINGFIELD	4.96				.79	.45			.25	.15		.50	T	.92	T						.69		.98					.23				
TAYLORSVILLE	4.86				.87	.25			.10	.37			T	.70	.21		T	.05			.48		1.56				.05	.22				
TYRONE LOCK 5	4.82				.89	.46			.18	.40			.08	.64	.04			.01			.44		1.33		T		T	.35				
VALLEY VIEW LOCK 9	3.57				.97	.52			.17	.24			.02	.44	.06		T	.01			.42		.32	T	T		T	.40				
WARSAW MARKLAND DAM	7.35				.95	.30		.05	.24	.30	.28	.22	.06	.97	.17	.16	.04	T	.12		.45		2.59	T			.10	.35				

See reference notes following Station Index

DAILY PRECIPITATION

Continued

KENTUCKY
FEBRUARY 1971

Station	Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	D 4.73			0 .10	.78	1.22		T	.18	.18				.65	.02						.56		.45					.59				
WILLIAMSTOWN 3 NW	4.60			.12	.59	.17		.02	.35	.04			.16	.31		.01		.10		T	.40	T	2.10	T		T	.21	.02				
* * * EASTERN 04																																
ASHLAND	2.72				.53	.62			.13	.40				.13	.04				.02		.13		.26	.10	.02			.34				
BARBOURVILLE	3.32				.86	.92			.06	.30				.11	.15				.04		.33		.40	T			T	.15				
BAXTER	3.20	T			.63	1.18			.11	.33				.14	.13				.04		.24		.01	.21	T		T	.18				
BLAINE	D 4.30				.82	1.33			*	0 .60				.56	.32								.17	.07				.43				
BUCKHORN	2.93				.65	1.00			T	.30	T			.15	.15				T		.25		.20	.02			T	.21				
BURDINE 2 NE	2.17				.55	.22			.15	.35				.45	.15	.05							.15	.10								
CLAY CITY 1 WNW	4.51	T			1.30	1.05			.16	.40				.35	.07			T			.28		.30	.05				.55				
COLLEGE HILL LOCK 11	3.25				.98	.65			.13	.34				.26	.05	T		T			.15		.24	.03			T	.42				
CUMBERLAND	3.34		.01	.10	.30	.74		.09	.02	.34	T			.20	.01	.27	T	.07	.02		.25		.37		T		T	.50	.05			
CUMBERLAND FALLS ST PK	-			.26	.14			.12	.50					-	-	-	-				.30	T	1.25				.23					
DEWEY DAM	3.41				.75	.77	.03		.15	.33	T			.07	.55	.22	T				.10		.12	.05				.27				
ELKHORN CITY	2.65	.14			.52	.31			.19	.41				.48	.29	T			.02		.11		.05	.10				.03				
FISHTRAP RESERVOIR	2.87				.78	.14			.15	.35	T			.30	.40	T			T		.11		.01	.58				.05				
FREEBURN 2 SW	2.95	T			1.25	.21			.20	.43	T			.32	.30	T			T		.11		.02	.08	T			.03				
FRENCHBURG	-				1.00	1.15			.30	.45				*	.15						-		-					.30				
GRAYSON 5 SE	3.06				.75	.64			.15	.44				.10	.20	T			T		.15		.22	T	T			.41				
GRAYSON RESERVOIR	2.42				.80	.75			.09	.43	T		T	.05	.06	T		T			.15		T		T			.09				
HAZARD WATER WORKS	3.14				.60	.87			.10	.70				.02	.14						.31		.13	.11				.16				
HEIDELBERG LOCK 14	4.27				.85	1.09			T	.63				.32	.10				T		.37		.21	T				.70				
HINDMAN 11 NNE	1.40			.15		.20			.30	.10				.10	.35						.10		.10									
HYDEN	2.91				.59	.94			.11	.25	T			.05	.13				T		.42		.22	.03			T	.17				
JACKSON	3.42				.90	.97				.47				.14	.21						.24		.20	T				.29				
JEREMIAH	2.16			.24	.35	.55		.07	.20	.10				.25	.08			T					.30	T			.02					
LLOYD GREENUP DAM	3.41				.44	.93			.12	.34			T	.27	.04	.02			.08		.08		.65	.10				.34				
LONDON FAA AP	3.48			.43	.60	.50		T	.40	.01			.08	.26	T			T		.37	T	.05	.38	T		T	.34	.06				
LOUISA 2	3.12				.90	.79			.08	.39				.10	.20			T			.06		.17	.04	T			.39				
MANCHESTER 4 SE	7.62				1.87	2.07			.10	.28				.81	.19			.06			1.70		.27					.27				
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MC KEE	4.72				.75	1.20			.12	.32			.01	.35	.20			.04	T		.55		.30	.05			T	.83				
MIDDLESBORO	3.82				.66	1.29	T		.08	.17				.45	.01				.03		.31		.29	.13	T		T	.40				
MONTICELLO	4.64				.65	.80			.26	.28				.60	.14			.07			.62		.74					.48				
MOUNT VERNON	5.48			.43	.47	1.51			.50	.05			T	.60				.05			.70		.50	T		T	.62	.05				
ONEIDA	3.23				.48	1.15			.03	.20				.20	.10						.40		.32					.35				
PAINTSVILLE 1 S	3.12	.23			.62	.95				.40				.02	.37						.22		.02	.07				.22				
PIKEVILLE	2.52			.24	.74			.11	.31	.05				.71	.03			T			.08		.18	T			.02	.05				
PINEVILLE 4 NW	3.25				.68	1.03			.13	.25				.17	.12				.03		.35		.29					.20				
RAVENNA LOCK 12	3.23				.55	.92			.09	.33	T		T	.32	.02						.27		.25		T		T	.48				
SALYERSVILLE 2 SE	2.58				.82	.72				.32				.12		.08							.24					.28				
SOMERSET 2 N	5.04			.75	.46	1.00			.42	T			.02	.48				.07		.07	.64	.02	.37	T		T	.74					
STEARNS 1 W	4.26				.70	1.52			.15	.36				.49	.08						*	*	.63					.33				
TILFORD	2.14				.95	.71					.33									T	.15											
TOMAHAWK 1 WSW	3.57				.92	.90			.19	.45				.11	.40						.10		.15	.06				.29				
VANCEBURG	D 5.54			D .15	T	2.00			0 .65					.69		T		.66			.16		.92				.10	.21				
WEST LIBERTY	3.50				1.00	.70			.12	.39				.13	.05	T					.25		.16	T	T		T	.70				
WILLIAMSBURG 1 E	3.52				.47	1.03				.35				.18	.36	.05					.36		.46					.26				
WILLOW LOCK 13	4.02	.38			.67	1.05			.08	.31			T	.29	.07			T	T		.36	T	.23	T			T	.58				

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard af Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	23	5.2	12.2	35++	28	27+	69	73	64	66	5	3	8	2	2	0	20	-	7.8
LEXINGTON WSO	21	5.1	11.6	25++	29	27	72	76	61	66	7	3	4	5	0	0	19	-	7.3
LOUISVILLE WSO	24	3.9	11.0	35	SE	19	70	72	60	61	6	3	3	5	1	0	18	48	7.4

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
		Day of Month																															
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	28	25	34	58	57	41	39	28	19	37	48	48	29	32	36	54	63	69	61	58	48	59	39	56	64	67	66	51				46.9
	MIN	10	14	22	34	27	23	26	5	5	9	32	28	14	7	19	19	44	34	41	39	38	34	30	24	37	54	40	31				26.4
BEAVER DAM	MAX	22	21	32	55	55	43	43	31	21	34	48	48	33	30	37	50	62	72	68	57	50	61	38	55	59	62	63	58				46.7
	MIN	1	3	19	32	31	20	30	16	-5	-2	25	32	15	3	24	19	43	31	52	43	33	36	31	28	36	48	37	34				25.5
FORDS FERRY DAM 50	MAX	23	22	41	61	51	39	33	24	18	38	50	47	25	32	34	52	58	71	62	55	51	58	39	54	64	66	56	48				45.4
	MIN	9	9	20	40	28	23	24	10	4	9	34	24	13	9	19	20	34	35	53	37	38	30	30	27	39	46	39	35				26.4
GILBERTSVILLE KY DAM	MAX	29	31	35	55	56	44	39	30	22	39	49	50	34	34	38	49	66	71	62	59	56	61	40	57	61	64	65	54				48.2
	MIN	9	11	21	34	29	25	28	14	5	12	34	31	11	13	19	26	42	41	45	42	36	33	31	28	43	48	42	38				28.3
GOLDEN POND 8 N	MAX																																
	MIN																																
GREENVILLE 2 W	MAX	22	23	33	55	52	40	38	32	18	35	48	48	31	30	37	54	61	71	71	58	58	63	40	57	61	65	65	59				47.3
	MIN	-3	2	18	32	30	20	30	16	-5	3	29	31	16	4	19	20	47	31	53	42	34	39	30	26	41	50	36	36				26.0
HENDERSON 7 SSW	MAX	24	20	32	57	54	39	32	26	18	36	48	47	30	29	34	46	58	70	62	56	46	57	36	53	62	65	63	51				44.7
	MIN	8	6	19	32	29	23	26	14	3	7	30	30	16	8	23	17	43	38	52	39	38	33	30	28	40	48	40	36				27.0
HICKMAN 1 E	MAX	26	26	34	58	56	43	39	27	20	40	50	48	30	34	39	58	66	71	63	58	54	62	39	57	66	68	66	55				48.3
	MIN	12	16	25	34	28	24	27	12	6	10	31	29	15	8	23	24	47	40	50	40	39	33	30	25	41	55	31	36				28.3
HOPKINSVILLE	MAX	23	26	29	44	55	45	45	39	25	19	38	50	41	26	32	43	55	67	74	69	60	63	55	36	59	63	67	61				46.8
	MIN	4	4	11	28	31	25	25	18	-1	0	6	32	17	7	10	23	25	40	42	41	37	37	31	26	27	46	38	37				23.8
LOVELACEVILLE	MAX	29	24	34	59	54	42	39	27	22	40	49	49	27	39	40	56	66	72	66	60	53	60	40	57	66	67	63	54				48.4
	MIN	7	11	22	33	28	24	27	12	3	8	31	27	6	6	19	23	40	38	48	40	38	32	30	23	38	52	41	30				26.3
MADISONVILLE 1 SE	MAX	24	20	34	57	57	42	37	29	20	36	50	48	31	30	35	54	63	71	69	57	52	62	38	56	61	65	65	55				47.1
	MIN	3	3	20	32	30	22	28	16	2	8	27	31	16	9	22	19	47	30	49	42	36	34	30	29								24.4
MAYFIELD RADIO WNGO	MAX	27	25	36	58	51	43	39	29	20	39	51	47	26		45	59	68	75	58	53		59	38	57		66	66	55				47.6
	MIN	6	9	21	34	27	19	28	15	3	8	31	26	16		18	22	48	34	49	39		32	28	22		55	40	41				26.8
MURRAY	MAX	27	24	40	58	51	43	35	27	17	38	50	45	27	33	39	58	65	71	60	57	61	63	38	56	66	67	61	52				47.5
	MIN	8	14	22	39	29	25	27	13	2	5	30	27	15	10	23	25	50	42	53	41	38	32	29	26	41	55	42	41				28.7
OWENSBORO 2 W	MAX	22	22	34	55	52	39	36	29	18	33	46	44	28	29	36	51	62	70	64	55	50	55	37	54	58	63	57	54				44.8
	MIN	7	8	19	32	30	24	29	15	0	4	27	28	15	6	22	18	42	35	52	45	40	35	30	30	40	44	40	37				26.9
PADUCAH FAA AIRPORT	MAX	27	23	42	59	45	41	32	23	19	37	50	45	26	33	37	57	65	70	61	58	52	59	40	55	65	66	56	50				46.2
	MIN	7	12	22	42	28	24	23	9	3	11	35	25	9	10	20	22	41	40	52	41	36	31	31	28	47	47	42	36				27.6
PADUCAH SEWAGE PLANT	MAX	26	28	29	45	61	42	42	31	21	21	40	50	42	25	35	36	58	64	73	61	56	59	52	40	58	68	68	57				46.0
	MIN	10	10	12	27	29	24	26	14	6	5	13	37	16	11	20	21	26	37	45	42	38	40	30	28	30	45	42	34				25.6
PRINCETON 1 SE	MAX	25	23	35	59	57	41	37	29	18	37	50	48	30	31	37	52	64	71	69	58	55	63	38	56	64	66	64	55				47.6
	MIN	1	5	19	34	29	22	28	13	-1	8	31	29	15	5	21	22	49	38	53	39	36	32	30	27	43	54	40	36				27.1
ROCHESTER LOCK 3	MAX	21	23	28	43	56	42	43	36	22	18	35	48	41		30	37	56	63	71	65	57	62	60	38	55	60	62	59				45.6
	MIN	2	3	4	28	33	21	21	21	3	3	8	34	24		10	21	22	30	32	44	33	35	32	31	30	46	41	39				24.1
RUSSELLVILLE	MAX	22	26	35	45	55	45	46	47	22	17	35	48	45	26	32	42	56	65	71	65	59	62	61	36	55	61	62	60				46.5
	MIN	-2	2	8	33	32	20	20	12	-3	-2	6	35	17	5	10	22	22	36	44	41	34	37	30	28	29	49	39	38				22.9
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	20	22	33	54	54	41	47	35	20	30	47	44	37	28	34	46	57	69	62	54	48	65	43	52	62	58	60	54				45.6
	MIN	-1	-5	19	31	32	20	32	16	-3	2	19	36	15	6	22	18	31	27	48	43	34	42	30	31	30	43	40	32				24.6
BARDSTOWN	MAX	20	22	33	56	55	44	45	46	20	30	47	51	42	29	36	46	61	71	69	61	52	67	58	51	63	60	62	56				48.3
	MIN	1	-1	19	31	34	19	31	18	-3		20	38	16	2	25	17	35	27	51	46	30	45	32	32	33	43	41	31				26.4
BARREN RIVER RESERVOIR	MAX	20	23	30	47	59	45	48	48	25	15	34	48	50	25	30	42	58	65	73	65	60	62	62	38	56	60	62	61				46.8
	MIN	-8	-4	-1	29	34	21	21	24	-4	-4	7	33	22	3	5	23	24	31	33	47	37	36	31	29	29	47	40	35				22.1
BERNHEIM FOREST	MAX	20	25	33	58	58	44	44	36	20	30	47	50	42	32	35	48	61	71	70	64	51	67	60	53	60	60	62	60				48.6
	MIN	2	-3	20	32	33	17	30	19	-8	-5	24	37	17	0	23	13	31	25	47	46	29	45	32	33	31	43	41	30				24.4
BOWLING GREEN FAA AP	MAX	22	22	41	58	56	46	47	30	16	30	45	49	30	29	41	56	63	71	63	60	60	62	38	55	59	62	61	54				47.4
	MIN	-3	-1	22	41	25	21	30	5	-6	-1	27	30	14	6	21	20	34	30	53	38	34	34	31	29	36	54	39	37				25.0
BRADFORDSVILLE	MAX	20	22	32	50	60	61	48	45	22	22	44	52	51	26	37	43	57	64	72	65	59	67	67	45	58	61	62	60				49.0
	MIN	-2	-6	11	30	35	18	32	20	-8	10	21	39	20	8	24	25	33	25	40	39	29	47	31	33	32	40	41	28				24.8
CAMPBELLSVILLE 2 SSW	MAX	18	23	35	59	56	47	45	34	28	31	48	52	45	31	40	55	62	72	64	59	52	67	60	54	61	57	61	58				49.1
	MIN	-2	1	20	33	28	20	34	19	-10	1	22	38	18	6	25	25	44	30	50	48	33	48	30	34	35	45	40	36				26.8
CECILIA	MAX	21	22	33	54	55	42	45	33	18	30	45	47	38	27	35	52	60	70	67	54	50	62	40	52	60	60	60	61				46.2
	MIN	2	2	20	32	32	20	31	18	-7	-7	22	38	17	12	25	18	42	28	49	42	32	40	31	32	35	45	38	33				25.8
GLASGOW WKAY	MAX	20	20	36	56	54	46	47	34	16	31	47	48	40	29	43	56	63	71	63	59	51	63	41	55	59	58	60	55				47.2
	MIN	-5	0	19	36	33	19	32	16	-6	2	24	40	17	2	19	22	41	31	52	47	34	41	30	30	36	50	39	35				26.3
GREENSBURG	MAX	22	23	29	45	62	45	40	49	25	18	34	48	52	25	30	44	59	65	73	65	60	61	67	37	55	69	63	62				47.7
	MIN	-4	-2	-4	28	37	20	20	24	-1	-1	1	31	22	5	10	22	24	27	28	49	33	35	31	32	31	34	42	30				21.6
HODGENVILLE-LINCOLN NP	MAX	20	21	33	56	56	45	46	43	19	30	45	48	44	29	35	51	60	72	71	62	54	64	59	53	62	59	60	59				48.4
	MIN	1	1	19	32	33	19	32	18	-8	-4	21	37	19	2	25	21	40	29	51	41	34	45	31	33	36	47	38	34				26.0
IRVINGTON	MAX	19	21	32	54	55	42	41	34	20	30	46	47	40	27	35	44	58	68	70	60	51	63	52	51	60	58	60	58				46.3
	MIN	2	0	20	32	31	17	29	18	-4	-1	30	34	20	1	25	16	31	25	52	42	30	43	30	31	32	45	33	30				24.8
JAMESTOWN 8 SSW	MAX																																
	MIN																																
LEITCHFIELD 2 N	MAX	22	21	34	56	57	43	46	31	17	32	45	45	39	28	35	51	61	70	71	54	50	60	48	53	62	62	59	53				46.6
	MIN	1	2	20	31	34	19	30	16	-5	-2	17	34	20	12	26	20	39	27	50	46	32	46	31	30	38	44	40	39				26.3
LOUISVILLE	MAX	15	22	32	54	57	45	45	36	23	31	46	47	43	28	35	43	61	67	67	60	47	63	56	50	59	59	61	54				46.6
	MIN	3	3	20	30	33	27	29	18	3	7	25	39	17	13	25	24	38	30	50	45	36	44	32	33	38	46	42	37				28.1
LOUISVILLE WSO	MAX	17	21	34	57	56	42	40	29	13	29	45	45	32	27	32	42	59	69	61	55	49	64	35	50	60	61	56	52				44.0
	MIN	4	3	20	34	30	23	29	12	1	5	25	32	14	11	26	19	36	28	50	38	35	35	32	33	34	41	42	36				26.0

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAMMOTH CAVE PARK	MAX	21	19	35	56	55	46	48	44	19	32	47	47	45	29	41	56	63	72	69	58	55	62	44	55	58	59	60	57				48.3
	MIN	-4	-3	17	32	31	19	32	18	-6	1	24	35	15	4	17	22	42	29	49	42	32	44	29	27	34	51	40	33				25.2
NOLIN RIVER RESERVOIR	MAX	21	22	30	46	62	43	46	46	24	17	34	47	47	24	29	39	57	64	71	65	57	62	63	37	56	59	62	60				46.1
	MIN	-1	0	1	29	33	18	20	23	-5	-8	4	30	21	4	7	23	24	27	28	41	33	35	31	28	28	43	39	30				20.9
ROUGH RIVER DAM	MAX	20	23	29	44	57	43	44	43	23	16	34	47	42	25	29	36	54	63	70	63	53	62	61	36	54	60	61	58				44.6
	MIN	2	2	2	24	32	18	18	20	-3	-5	9	32	20	4	8	20	20	29	34	44	32	33	31	30	30	40	39	33				21.4
SCOTTSVILLE 3 SSW	MAX	22	21	38	56	58	47	47	43	18	34	47	49	41	29	40	58	64	72	65	59	60	62	45	56	59	59	60	55				48.7
	MIN	-4	4	19	37	32	27	33	18	-3	2	26	41	16	8	22	23	37	32	53	46	36	45	30	28	42	51	38	40				27.8
SUMMER SHADE	MAX	20	21	39	57	56	48	48	42	16	30	48	50	44	29	42	58	64	71	64	59	54	64	40	54	60	60	62	55				48.4
	MIN	-10	-5	20	38	32	23	32	15	-10	-4	25	42	18	1	18	23	39	33	47	48	35	40	30	30	37	48	40	32				25.6
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	18	21	35	56	56	45	45	38	18	29	49	49	50	30	42	54	62	73	70	66	65	69	63	52	65	60	66	57				50.1
	MIN	-4	-4	17	34	35	24	31	18	2	3	25	42	17	8	25	27	38	33	52	51	33	49	31	34	33	46	44	39				28.0
CARROLLTON LOCK 1	MAX	17	20	31	49	52	41	40	34	22	28	46	45	42	28	35	43	57	66	62	62	45	67	65	49	62	60	61	55				45.9
	MIN	-3	-5	17	31	34	21	28	18	0	2	20	37	18	3	24	26	35	26	38	44	38	41	32	33	29	44	40	31				25.1
COVINGTON WSO	MAX	14	19	32	56	56	40	34	30	15	26	43	43	35	27	32	39	52	54	61	54	43	69	35	43	58	60	60	52				42.2
	MIN	0	-3	18	32	29	23	30	15	-1	2	23	34	6	-1	24	23	35	27	47	40	38	35	32	28	27	43	41	35				24.4
CYNTHIANA 2	MAX	14	15	22	37	55	42	45	40	24	13	30	43	47	23	28	35	49	59	70	64	53	49	69	37	49	61	60	58				42.5
	MIN	-6	-8	-8	22	35	18	18	24	2	-7	7	30	22	0	3	26	28	23	24	50	39	33	31	32	26	31	38	28				20.0
DANVILLE	MAX	17	19	26	41	59	41	45	43	24	15	28	47	49	26	31	40	56	62	70	65	55	59	68	35	52	60	61	60				44.8
	MIN	1	1	3	25	38	23	25	24	0	-1	1	28	20	8	8	26	26	32	32	49	32	35	31	31	31	43	40	38				23.2
DIX DAM	MAX	35	20	31	57	57	45	45	40	21	29	47	50	49	30	40	48	61	72	70	64	52	68	67	51	60	59	62	57				49.5
	MIN	-2	0	16	30	36	23	30	21	-2	0	22	38	17	7	25	26	37	27	48	42	36	49	30	31	32	43	43	32				26.3
FALMOUTH 5 WNW	MAX	20	21	31	53	55	43	36	33	27	30	47	46	37	32	34	41	57	67	63	58	45	69	52	47	60	68	60	53				45.9
	MIN	-3	-5	8	29	33	16	28	25	-5		17	34	18	2	22	19	28	21	38	43	37	40	29	31	22	40	37	30				23.5
FARMERS 1 WNW	MAX	15	24	32	56	56	45	46	46	21	29	50	53	51	29	40	49	60	70	67	64	52	73	68	49	58	61	63	53				49.3
	MIN	-1	-9	13	20	40	24	30	21	6	2	14	40	18	5	25	29	30	25	37	50	32	43	33	34	27	35	44	36				25.1
FLEMINGSBURG 1 SW	MAX	14	19	30	51	53	42	40	35	18	24	45	48	47	25	35	43	55	68	65	60	50	70	56	45	59	55	60	55				45.3
	MIN	-5	-8	12	29	36	22	30	18	4	-1	14	36	18	4	23	27	34	26	44	47	35	41	30	32	28	44	42	31				24.8
FRANKFORT LOCK 4	MAX	18	19	25	37	57	42	47	41	25	19	34	49	50	23	31	38	49	62	71	70	52	50	68	38	48	62	62	68				44.8
	MIN	0	-3	-3	24	34	22	22	21	3	0	8	33	21	5	8	21	28	26	26	39	32	35	32	32	30	31	42	32				21.5
LEXINGTON WSO	MAX	16	20	34	55	55	42	40	31	16	25	44	47	37	26	34	47	58	69	64	53	49	68	34	49	60	59	60	51				44.4
	MIN	-2	-2	20	34	29	21	31	16	-1	1	19	37	10	6	26	27	35	30	50	36	33	33	31	31	35	44	39	36				25.2
MAYSVILLE SEWAGE PLANT	MAX	15	16	23	35	56	50	43	37	25	14	29	45	48	25	28	34	51	56	67	65	55	48	70	37	43	62	61	58				42.7
	MIN	0	0	3	23	33	21	21	25	7	1	7	28	23	5	7	25	30	22	26	40	38	38	31	31	21	28	39	36				21.8
MOUNT STERLING	MAX	18	19	32	53	55	45	42	36	20	24	47	50	48	26	40	46	60	69	68	64	52	70	66	50	58	60	59	56				47.6
	MIN	-3	-1	14	30	37	23	30	19	4	0	19	38	17	3	24	27	33	29	48	49	31	43	30	32	32	37	41	36				25.8
OWENTON	MAX	13		25	40	55	55	40		21	13	35	45	46	26	28	33	49	56	65	63	49	46	66	41	47	59	60	55				43.5
	MIN	-2	-2	0	23	33	27	29	19	0	9	10	34	18	5	6	24	26	37	38	48	37	38	28	31	32	40	39	33				23.6
RICHMOND	MAX	21	20	24	42	55	44	47	40	24	18	31	47	49	21	31	43	52	64	69	67	59	55	68	36	53	62	60	61				45.1
	MIN	-4	-4	3	24	40	23	30	24	-2	-1	6	30	21	3	10	27	28	32	40	50	33	35	30	30	33	45	39	30				23.4
SHELBYVILLE	MAX	15	17	25	40	55	40	42	39	23	14	30	44	48	20	28	35	50	58	68	62	49	50	66	36	50	59	61	56				42.1
	MIN	0	-3	-3	24	35	21	22	21	-2	-2	7	29	19	5	9	23	26	32	36	49	33	36	31	29	31	38	39	34				22.1
WARSAW MARKLAND DAM	MAX	15	15	21	36	57	50	42	35	25	14	31	45	42	23	29	32	50	56	65	63	54	45	67	37	48	60	62	56				42.0
	MIN	2	1	0	21	34	23	23	23	5	5	6	24	22	0	4	22	26	25	24	36	39	38	33	28	27	26	40	36				21.2
WAYNESBURG 7 NE	MAX	15	24	31	55	55	46	44	40	18	28	48	50	48	26	43	52	61	69	64	58	56	66	60	50	60	58	60	54				47.8
	MIN	-5	-2	18	31	35	22	30	16	-3	-3	21	39	15	4	23	26	41	33	51	49	33	46	29	32	36	46	41	35				26.4
WILLIAMSTOWN 3 NW	MAX	13	20	29	50	55	42	37	37	21	27	46	47	40	27	33	39	56	66	64	60	44	67	63	47	60	57	60	51				44.9
	MIN	-5	-4	11	27	32	21	27	16	-2	1	21	40	17	1	23	24	34	32	51	43	36	39	27	30	32	43	39	32				24.6
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	30	17	23	35	56	56	48	37	32	18	31	52	58	30	32	37	49	62	70	67	59	51	73	37	42	63	61	60				45.9
	MIN	-1	-3	-3	19	32	19	20	32	12	-3	5	21	29	6	5	27	27	23	25	36	36	40	34	32	24	28	41	27				21.1
BARBOURVILLE	MAX	24	26	28	40	59	55	54	39	34	23	35	50	55	36	31	52	60	67	71	69	67	60	72	38	57	64	61	63				49.6
	MIN	-2	-3	-3	26	39	23	24	33	8	-3	-3	16	34	6	9	20	21	25	26	39	31	32	34	34	29	31	31	30				21.0
BAXTER	MAX	19	20	30	38	55	56	55	41	39	19	30	48	55	43	34	50	56	64	69	67	67	61	71	39	54	63	62	62				48.8
	MIN	0	0	0	27	36	24	25	32	11	0	0	15	35	6	10	22	22	26	26	37	35	35	35	33	28	29	40	30				22.1
BLAINE	MAX	21	18	27	33	56	56	51	35	33	20	31	52	57	32	32	42	46	64	70	67	62	53	74	37	46	62	63	62				46.5
	MIN	-5	-10	-10	21	30	18	18	33	8	-8	2	12	32	-5	0		24	20	23	31	26	33	35	34	23	26	35	25				17.4
CUMBERLAND	MAX	27	32	38	57	58	55	50	38	25	30	47	57	55	40	47	55	64	67	67	63	59	72	69	53	62	61	59	60				52.4
	MIN	-4	6	19	35	47	30	37	12	7	-5	13	35	25	5	30	19	26	21	34	35	30	39	31	30	26	35	35	39				24.7
DEWEY DAM	MAX	17	17	23	35	55	54	46	35	35	23	30	48	56	44	32	44	47	65	60	67	68	54	72	38	47	61	65	60				46.4
	MIN	6	-1	-3	22	35	23	25	35	15			17	32	0	4	26	26	25	30	32	31	26	38	33	30	30	42	29				23.4
GRAYSON 5 SE	MAX	18	17	24	34	56	56	49	36	33	18	31	51	57	30	32	39	46	62	70	67	58	50	74	37	44	61	62	61				45.5
	MIN	-5	-10	-10	21	33	19	19	30	11	-6	1	27	29	-2	0	27	24	20	20	34	31	39	34	32	22	24	38	26				18.9
HEIDELBERG LOCK 14	MAX	20	24	30	51	56	49	49	38	22	30	50	56	53	31	48	53	65	72	72	68	63	74	73	52	61	62	62	62				51.6
	MIN	-6	-9	19	30	44	19	29	22	7	-4	11	34	20	0	28	28	30	22	34	37	30	43	34	35	28	34	41	27				23.8
HINDMAN 11 NNE	MAX	14	23	33	56	57	57	45	35	25	34	42	58	45	35	42	43	48	68	67	68	53	73	68	48	64	67	62	52				49.4
	MIN	-7	-6	12	20	30	31	30	25	2	-2	10	12	18	-2	15	18	25	22	27	29	29	41	35	34	25	33	29	27				20.1
HYDEN	MAX	18	18	26	37	59	54	50	36	34	21	30	49	55	40	30	47	54	64	69	69	65	54	73	42		63	62	60				47.4
	MIN	-5	-6	-5	24	36	24	24	29	10	-3	-4	15	33	0	0	25	28	24	24	33	32	32	34	33		28	39	28				19.7
JACKSON	MAX	23	23	28	34	60	55	55	36	35	23	35	54	59	35	36	52	57	68	74	67	68	54	75	39	54	63	63	64				49.6
	MIN	0	-2	-3	24	34	25	25	34	9	2	3	17	35	4	4	29	29	26	26	37	33	33	35	35	28	30	41	28				22.2

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Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	14	22	38	58	55	48	36	34	14	27	47	50	43	27	45	54	63	70	67	62	52	70	39	51	61	59	58	54				47.1
	MIN	-11	-10	21	38	28	22	32	14	- 2	- 3	13	37	9	3	26	23	32	26	41	39	32	38	32	33	30	42	35	31				23.3
MANCHESTER 4 SE	MAX	20	28	35	57	57	52	47	38	23	31	50	55	50	30	48	65	59	69	69	65	58	73	64	53	63	60	60	58				51.3
	MIN	-11	- 9	14	33	41	21	30	21	6	- 5	12	31	20	- 4	26	28	26	23	34	52	39	43	32	33	27	34	36	26				23.5
MC KEE	MAX	15	18	25	41	56	53	50	39	29	15	31	49	52	26	32	46	55	62	71	65	61	54	71	35	52	60	60	60				45.8
	MIN	-11	-11	-10	23	40	18	18	28	5	-11	-10	24	26	- 4	- 3	27	27	22	22	36	28	29	31	32	27	31	42	26				17.9
MIDDLESBORO	MAX	26	22	32	37	54	55	54	40	36	23	29	49	54	38	33	51	57	65	67	66	67	56	71	38	56	61	61	62				48.6
	MIN	3	0	2	30	36	22	22	32	9	2	3	23	34	10	10	20	20	25	25	37	31	31	34	33	29	32	47	32				22.6
MONTICELLO	MAX	22	24	35	56	55	50	47	39	19	34	52	50	46	29	48	56	56	73	67	63	56	68	53	53	62	59	62	55				49.6
	MIN	- 8	- 8	20	34	38	21	32	19	1	-11	19	42	17	3	20	19	37	28	48	50	32	48	32	32	33	42	42	31				25.5
MOUNT VERNON	MAX	28	29	34	53	54	44	42	44	20	31	51	52	48	30	44	56	63	71	66	63	57	69	59	52	61	57	60	56				49.8
	MIN	- 1	- 7	20	33	37	30	30	17	0	0	23	40	16	4	24	26	37	27	53	50	29	47	30	32	33	44	43	34				26.8
PIKEVILLE	MAX	23	28	35	56	60	56	40	37	24	35	56	60	51	35	50	55	67	74	70	71	63	77	72	52	67	64	66	59				53.7
	MIN	2	1	20	34	43	26	30	23	16	3	16	31	21	6	23	30	30	27	36	44	34	46	36	36	28	36	51	31				27.1
SOMERSET 2 N	MAX	19	24	34	58	53	50	44	43	20	29	48	51	45	27	47	55	66	71	64	61	57	67	55	53	62	57	69	58				49.5
	MIN	-13	-11	20	31	38	21	28	18	- 2	- 7	10	39	20	2	24	22	35	26	50	44	33	48	32	33	28	39	43	31				24.4
STEARNS 1 W	MAX																																
	MIN																																
TOMAHAWK 1 WSW	MAX	25	20	24	35	55	56	49	35	33	21	30	52	58	42	32	45	48	64	69	69	67	56	74	47	45	64	66	63				48.0
	MIN	- 8	- 9	4	21	32	19	20	32	11	- 8	- 6	12	33	- 5	5	23	23	20	20	31	25	34	35	34	23	25	36	25				18.1
VANCEBURG	MAX	21	21	27	50	57	46	39	34	22	30	52	53	51	28	36	46	59	72	68	67	50	73	72	43	63	59	60	55				48.4
	MIN	0	- 7	14	26	36	20	28	21	11	- 2	7	35	22	15	25	29	27	22	34	49	39	42	33	33	22	33	43	35				24.7
WEST LIBERTY	MAX	20	18	27	32	56	53	50	35	34	18	30	51	56	34	30	43	50	62	70	66	63	54	75		50	60	64	62				46.8
	MIN	- 4	- 7	- 9	19	32	21	21	31	12	0	0	15	32	1	1	26	26	22	22	34	28	28	32		27	27	39	28				18.7
WILLIAMSBURG 1 E	MAX	24	25	34	52	56	54	51	38	20	37	48	54	54	31	51	59	66	70	71	67	69	72	65	56	65	66	62	63				52.9
	MIN	1	2	22	32	43	23	31	19	5	2	18	41	15	9	24	20	41	30	32	37	34	32	33	32	32	34	34	33				25.4

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	33	33	33	33	39	39	36	36	37	37	36	36	36	37	35	35	43	43	44	45	45	49	50	44	44	45	48	48				40.0
		MIN	33	33	33	33	33	35	35	30	36	36	35	36	36	35	35	34	35	37	43	43	43	45	41	41	41	43	45	43				37.4
	20	5PM	40	40	40	39	40	41	40	40	40	40	40	40	40	40	40	40	40	41	42	44	45	45	46	45	45	45	45	45				41.7
BEREA COLLEGE	4	MAX	35	35	35	35	44	43	44	38	35	35	40	39	35	40	35	44	49	58	54	53	54	52	54	47	47	48	53	54				44.1
		MIN	35	35	35	35	34	37	38	35	35	35	35	35	35	35	35	35	41	41	47	48	44	47	43	40	40	28	29	44				37.7
	20	5PM	43	42	42	43	42	42	42	42	42	42	40	40	42	42	41	42	42	42	44	45	46	46	43	46	46	46	47	48				43.2
CAMPBELLSVILLE 2 SSW	4	MAX	36	36	36	37	40	42	42	40	40	39	37	38	37	37	37	40	45	45	45	48	45	45	45	45	45	47	47	47				41.5
		MIN	35	35	35	35	37	37	39	39	39	37	35	35	37	35	35	36	40	40	44	45	44	44	40	41	42	44	44	44				39.0
	20	6PM	41	41	40	37	40	39	38	40	40	39	38	38	38	38	38	38	38	40	40	44	43	44	45	44	43	43	45	45				40.6
CUMBERLAND GAP PARK	4	MAX	36	36	34	34	43	39	38	38	38	42	35	37	38	37	38	37	41	42	44	48	48	49	50	45	46	45	50	50				41.4
		MIN	35	34	34	34	34	37	38	38	36	35	34	34	37	35	35	35	37	37	42	44	42	42	44	42	42	44	45	44				38.2
	20	5PM	41	41	41	41	40	41	41	42	42	41	41	40	40	40	40	40	40	41	41	43	44	45	45	45	45	45	45	46				42.0
FLEMINGSBURG 1 SW	4	MAX	33	33	33	33	34	34	34	34	34	34	34	33	33	34	33	33	38	39	42	43	43	46	46	46	40	43	45	46				37.6
		MIN	33	33	33	33	33	34	34	34	34	34	33	33	33	33	33	33	33	35	39	42	42	43	40	39	37	40	43	41				36.0
	20	6PM	37	37	37	37	36	36	36	36	36	36	36	36	36	36	36	36	36	37	37	39	40	40	41	41	40	40	41	42				37.6
GLASGOW WKAY	4	MAX	41	38	37	43	43	43	42	42	40	40	39	38	38	39	39	38	44	44	45	46	46	49	49	45	45	47	47	47				42.6
		MIN	38	37	37	37	43	39	38	40	40	39	38	38	36	38	38	36	38	40	44	45	44	46	44	42	43	45	47	45				40.6
	20	6PM	41	41	40	41	41	41	41	41	41	41	41	41	41	40	40	40	41	42	43	43	44	45	45	45	45	45	45	45				42.1
GREENVILLE 2 W	4	MAX	38	38	35	38	40	39	38	37	37	35	34	38	38	36	36	35	45	45	40	48	46	58	48	44	44	49	50	50				41.4
		MIN	36	35	34	33	38	36	37	37	35	34	34	34	35	36	35	35	35	40	35	40	44	45	41	38	42	44	47	46				37.9
	20	5PM	40	40	40	39	40	40	40	40	40	40	40	39	39	39	39	39	39	40	42	43	44	44	45	43	43	44	45	45				41.1
HENDERSON 7 SSW	4	MAX	38	36	36	35	38	38	38	38	38	38	37	37	37	37	37	37	42	44	45	46	45	45	45	43	44	47	47	47				40.5
		MIN	36	36	35	35	35	38	38	38	38	37	37	37	37	37	37	37	37	41	41	45	45	45	42	41	43	44	46	45				39.4
	20	6PM	41	41	40	39	40	40	40	40	40	40	40	40	40	40	40	40	39	39	42	43	44	44	44	43	44	44	45	45				41.3
IRVINGTON	4	MAX	36	35	34	34	38	38	37	38	37	36	36	36	37	37	36	37	45	44	45	47	46	50	50	45	45	46	49	48				40.8
		MIN	35	34	34	34	34	36	37	37	36	36	36	36	36	36	36	36	36	38	44	45	43	44	41	41	42	44	46	42				38.4
	20	4PM	37	37	37	37	36	37	37	37	37	37	37	36	37	37	37	37	36	37	38	40	40	41	42	41	41	41	42	42				38.3
MAYFIELD RADIO WNGO	4	MAX	41	40	40	42	45	44	43	41	40	40	40	39	39	-	40	39	46	48	49	50	-	47	51	47	-	50	52	52				44.2
		MIN	38	38	38	40	42	42	41	39	39	39	39	39	37	-	38	39	39	46	46	48	-	46	47	44	-	50	48	49				42.0
	20	5PM	42	41	41	40	42	41	42	40	40	40	40	39	38	-	39	40	41	42	41	42	-	45	47	44	-	47	46	49				42.0
PRINCETON 1 SE	4	MAX	37	36	35	38	40	41	38	37	37	36	35	35	36	36	36	36	44	46	46	48	48	47	47	43	45	48	49	47				41.0
		MIN	36	35	34	34	38	37	37	37	36	35	35	35	35	36	36	35	35	41	46	45	45	46	41	39	42	45	46	45				38.8
	20	5PM	41	40	40	40	40	40	41	40	40	40	40	39	39	39	39	39	39	41	43	44	45	45	45	44	44	44	46	46				41.5
QUICKSAND	4	MAX	35	34	33	34	42	42	50	37	36	36	34	39	38	36	38	37	40	46	46	48	48	49	49	42	42	44	48	48				41.1
		MIN	34	33	33	33	34	36	37	36	36	34	33	34	36	35	35	35	36	38	36	44	43	44	42	39	38	41	43	41				37.1
	20	4PM	38	38	37	37	38	39	39	39	39	38	38	38	38	38	38	38	38	40	41	42	43	44	44	44	42	42	44	44				39.9
SANDY HOOK 4 NW	4	MAX	34	34	34	34	42	42	38	37	37	36	36	39	39	37	36	[illegible]	44	45	45	47	48	50	50	43	42	44	49	49				41.1
		MIN	34	34	34	34	34	36	37	37	36	36	36	36	37	36	35	36	37	37	40	40	43	45	43	40	38	42	44	41				37.8
	20	6PM	38	38	38	38	38	39	39	39	39	37	38	38	38	39	38	38	38	39	40	41	42	42	43	43	42	42	43	43				39.6

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SOMERSET 2 N																																		
	1	MAX	40	36	35	42	45	42	41	40	38	37	36	39	39	39	41	42	47	47	47	51	50	50	50	46	45	47	51	49				43.3
		MIN	36	34	35	35	42	36	38	38	37	36	36	36	36	36	35	35	38	37	44	46	47	43	42	40	40	42	46	43				38.9
	4	MAX	40	37	35	41	43	44	44	41	38	38	37	38	38	38	40	41	46	45	46	49	48	49	49	44	44	46	49	49				42.8
		MIN	37	34	35	35	40	37	38	38	37	37	37	37	37	37	36	36	39	38	44	46	45	44	42	40	41	43	46	44				39.3
	20	6PM	43	43	42	42	43	44	43	43	43	43	43	43	42	43	42	42	43	43	44	46	40	47	47	46	46	46	47	47				44.0
WILLIAMSTOWN 3 NW																																		
	4	MAX	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	38	39	41	43	42	44	44	41	41	42	44	44				38.0
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35	38	41	42	42	41	40	40	40	42	42				-
	20	6PM	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	39	40	40	41	41	40	40	41	42				38.1

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

SNOWFALL AND SNOW ON GROUND

KENTUCKY
FEBRUARY 1971

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																															
ELKTON 2 S	SNOWFALL								3.0	2.0				2.0	T																	
	SN ON GND	1	1	1					3	5	-	3	T	2	T	T	T															
FORDS FERRY DAM 50	SNOWFALL		T	T	T			T	2.5	T			T	5.0										T								
	SN ON GND	1	T	T				T	3	3	2	1	T	5	5	4	2	T						T								
HENDERSON 7 SSW	SNOWFALL			1.5				.4	4.0				6.0	1.5	T									T								
	SN ON GND	T	T	2				T	3	3	1	T	6	4	3	2	1	T														
HOPKINSVILLE	SNOWFALL			T					4.0					6.0																			
	SN ON GND	2	1	T					4	3	3			6	4	3																	
MURRAY	SNOWFALL							.3	4.5				4.5	.5										.2								
	SN ON GND	T	T					T	3	3	2	T	4	4	2	T																	
OWENSBORO 2 W	SNOWFALL			T				T	2.5					6.0																			
	SN ON GND	T	T	T				T	3	3	3	2		6	6	5	4	T	T													
PADUCAH FAA AIRPORT	SNOWFALL			T				1.7	.5				3.0	T	T								T									
	SN ON GND	T	T	T				T	2	1	1			3	3	2	1															
PARADISE STEAM PLANT	SNOWFALL								3.0	1.8				3.0																			
	SN ON GND	1	1	1					3	5	2	1		3	1	T																	
* * * CENTRAL 02																															
BARDSTOWN	SNOWFALL								6.0					3.0																			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BOWLING GREEN FAA AP	SNOWFALL							.2	5.3				1.0	1.0									T	T								
	SN ON GND	1	1	1					3	5	4	3		2	2	1	T															
CAMPBELLSVILLE 2 SSW	SNOWFALL								-					1.0																			
	SN ON GND								-	3	-	-																				
IRVINGTON	SNOWFALL								5.5					5.5																			
	SN ON GND								6	5	4			6	4	2	T															
LOUISVILLE WSO	SNOWFALL			.2				.4	7.5				1.6	2.2	T	T							T	T	T							
	SN ON GND	1	1	1	T			T	3	7	6	3		3	4	2	1							T								
	WTR EQUIV								.6	.6	.6	.4		.5	.6	.5																	
MAMMOTH CAVE PARK	SNOWFALL								8.0	T				4.0										T								
	SN ON GND	1	1						8	7	5	2	T	4	2	T	T	T														
MILLERSTOWN	SNOWFALL			.1					4.0	3.8				2.0	.3									T								
	SN ON GND	T	T	T					4	7	5	4	T	2	2	2	T	T														
SUMMER SHADE	SNOWFALL								5.0					2.0										T								
	SN ON GND	3	3						5	5	3	T		2	1	T																	
* * * BLUE GRASS 03																															
BEREA COLLEGE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
COVINGTON WSO	SNOWFALL			1.6				1.7	6.4	T			2.0	1.2	.3	.1							T	T	T							
	SN ON GND	T	T	T	T			1	3	8	6	6	2	3	3	2	1	T	T													
	WTR EQUIV								.6	1.0	.7	.7	-	.6	.5	.5																	
CYNTHIANA	SNOWFALL				1.1				3.1	5.2				T	1.3	.1																	
	SN ON GND	4	3	3	2				3	8	8	7	4	1	2	1	T	T														
DANVILLE	SNOWFALL								3.0	4.0				.6	1.0																		
	SN ON GND	2	2	1	T				3	9	6	4	1	1	2	2	1															
FARMERS 1 WNW	SNOWFALL								2.0	6.0					.5																		
	SN ON GND	5	5	4	2				2	8	7	T			1	T																	
LEXINGTON WSO	SNOWFALL			T				T	7.3	T				1.8	T	T							T	T	T							
	SN ON GND	2	2	2	1				2	7	7	5	T	1	2	1	T							T								
	WTR EQUIV	.2	.2	-					.6	1.0	1.0	.9		.2	.2																		
MAYSVILLE SEWAGE PLANT	SNOWFALL				2.0				1.5	7.0						.5								T								
	SN ON GND	-	-	-	2				2	9	8	7	-	1	T	1								T								
OWENTON	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WILLIAMSTOWN 3 NW	SNOWFALL			1.0				.7	6.0	1.0				2.0		.3								T								
	SN ON GND	3	3	3	T			T	6	7	7	2	T	2	1	1															
* * * EASTERN 04																															
CUMBERLAND	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	1	2	3	3			2	2	T				T																
DEWEY DAM	SNOWFALL									4.0	T				6.0																
	SN ON GND	4	4	3	3					4	4	2	T		6	3	T	T														
HEIDELBERG LOCK 14	SNOWFALL								T	6.0					1.5																
	SN ON GND	4	3	2	2				T	6	4	3	T		2	T															
HYDEN	SNOWFALL									3.0					-																
	SN ON GND	2	-	-	-					2	-	-			-	-															
LONDON FAA AP	SNOWFALL			T				T	4.2	T				1.0	T								T	T							
	SN ON GND	3	3	3					T	4	4	3	T		1	T															
MIDDLESBORO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MONTICELLO	SNOWFALL								2.6	3.0				.5	1.5																
	SN ON GND	-	-	-	-				3	5	-	-		1	2																
PIKEVILLE	SNOWFALL			2.2					3.0	T				3.7	T									T								
	SN ON GND	-	-	2					3	2	2			4	3	1															
SOMERSET 2 N	SNOWFALL								6.0	.5				2.0										T								
	SN ON GND	3	2	1					6	6	4	T		2	1																

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		8A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE N. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	8P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	8P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	8P			JAMES H. CROKTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C MJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALNAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE M. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		C G	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY H. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.N. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C MJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 08	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	5P	8P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C MJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	8P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 28	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	670		7A			DONALD R. MARSHALL
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	8P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. MAGGAM
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 58	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1180	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	8P	8P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		8A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	C G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	GLEN FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. M. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 NSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS H. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A		C	CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	3	36 52	85 09	585				C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
NEW STATIONS												
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS ELSIE STORY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

H Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

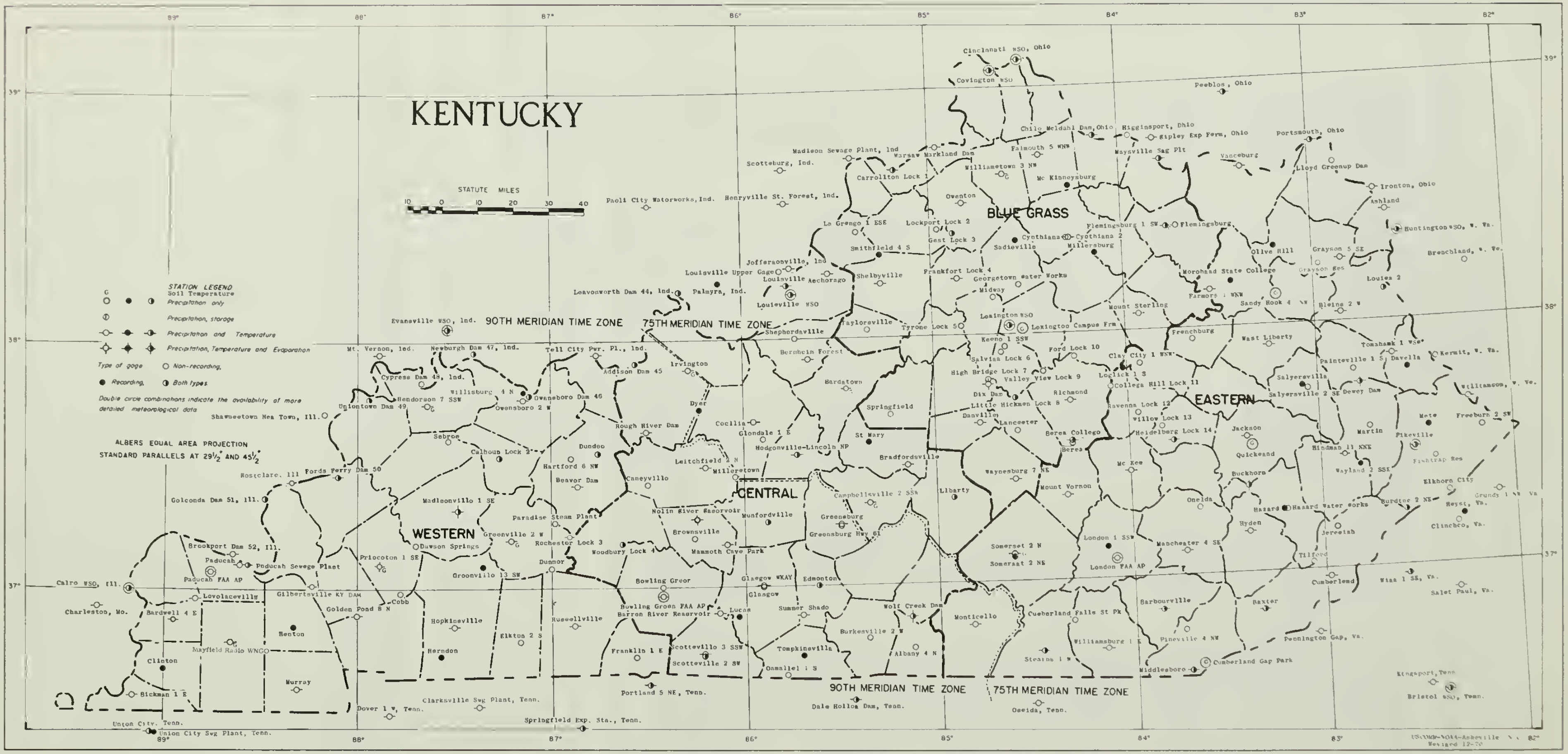
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-3/30/71-870


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording, ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
Cincinnati WSO, Ohio
Covington WSO
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Maysville Sag Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington WSO, W. Va.
Branchland, W. Va.
Madison Sewage Plant, Ind
Warsaw Markland Dam
Falmouth 5 WNW
Scottsburg, Ind.
Carrollton Lock 1
Williamstown 3 NW
Mc Kinneysburg
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Owenton
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Sadieville
Cynthiana
Cynthiana 2
Millersburg
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Grayson 5 SE
Grayson Res
Louisa 2
Morehead State College
Farmers 1 WNW
Sandy Hook 4 NW
Blaine 2 W
Jeffersonville, Ind
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WSO
Evansville WSO, Ind.
Taylorsville
Tyrone Lock 5
Lexington WSO
Lexington Campus Frm
Mount Sterling
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Shepherdsville
Keene 1 SSW
Bernheim Forest
Salvisa Lock 6
Ford Lock 10
Clay City 1 WNW
Paintsville 1 S
Davella
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
High Bridge Lock 7
Valley View Lock 9
Loglick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Cypress Dam 48, Ind.
Willisburg 4 N
Owensboro Dam 46
Henderson 7 SSW
Uniontown Dam 49
Owensboro 2 W
Bardstown
Dix Dam
Richmond
Little Hickman Lock 8
Ravenna Lock 12
Shawneetown New Town, Ill.
Dyer
Springfield
Danville
Lancaster
Willow Lock 13
Mete
Freeburn 2 SW
Martin
Pikeville
Rough River Dam
Cecilia
Glendale 1 E
St Mary
Berea College
Berea
Heidelberg Lock 14
Jackson
Quicksand
Sebree
Calhoun Lock 2
Dundee
Hartford 6 NW
Leitchfield 2 N
Millerstown
Hodgenville-Lincoln NP
Bradfordsville
Waynesburg 7 NE
Mc Kee
Hindman 11 NNE
Fishtrap Res
Wayland 2 SSE
Rosiclare, Ill
Fords Ferry Dam 50
Beaver Dam
Caneyville
Liberty
Campbellsville 2 SSW
Mount Vernon
Buckhorn
Elkhorn City
Grundy 1 NW Va
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hwy 61
Oneida
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
WESTERN
Dawson Springs
Greenville 2 W
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Hyden
Jeremiah
Clintwood, Va.
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Princeton 1 SE
Greenville 13 SW
Dunmor
Bowling Green
Tilford
Cairo WSO, Ill.
Lovelaceville
Gilbertsville KY DAM
Cobb
Glasgow WKAY
Glasgow
Edmonton
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Charleston, Mo.
Bardwell 4 E
Golden Pond 8 N
Hopkinsville
Russellville
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Benton
Mayfield Radio WNGO
Elkton 2 S
Herndon
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Burkesville 2 W
Tompkinsville
Albany 4 N
Williamsburg 1 E
Pineville 4 NW
Pennington Gap, Va.
Clinton
Murray
Oamallei 1 S
Stearns 1 W
Middlesboro
Cumberland Gap Park
Bickman 1 E
Dover 1 W, Tenn.
Clarksville Swg Plant, Tenn.
Portland 5 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
Kingsport, Tenn
Bristol WSO, Tenn.
Union City, Tenn.
Union City Swg Plant, Tenn.
Springfield Exp. Sta., Tenn.
USCOMM-NOAA-Asheville
Revised 12-70

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UNKE

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
MARCH 1971
Volume 66 No. 3

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	55.1	32.5	43.8		75	14	15	4	649	0	0	18	0	1.95		.46	10	3.0	1	3	8	0	0
BEAVER DAM	55.8	31.9	43.9		73	14	18	24	648	0	0	16	0			.63	6					1	0
FORDS FERRY DAM 50	53.5	31.4	42.5		75	14	19	4	693	0	1	18	0	1.55	- 3.25	.42	10	1.6	1	4+	5	0	0
GILBERTSVILLE KY DAM	56.9	35.6	46.3		71	14+	22	4	575	0	0	12	0	1.97		.50	10	T	T	25	5	1	0
GOLDEN POND 8 N	55.5	33.2	44.4		77	15	13	4	633	0	0	15	0	1.66		.82	7	3.0	3	3	3	1	0
GREENVILLE 2 W	56.1	31.9	44.0	- 2.7	73	15	13	4	640	0	0	16	0	2.37	- 2.63	.89	6		2	3	6	1	0
HENDERSON 7 SSW	53.6	32.9	43.3	- 2.8	74	14	19	4	666	0	0	16	0	1.39	- 3.74	.41	10	2.7	1	3	4	0	0
HICKMAN 1 E	55.9	34.6	45.3		77	14	22	4	605	0	0	15	0	2.27		.68	3	5.1	2	3	9	1	0
HOPKINSVILLE	54.5	30.7	42.6	- 4.3	73	15	17	5+	688	0	1	22	0	1.78	- 3.30	.50	7	.5	T	4	6	1	0
LOVELACEVILLE	55.9	32.2	44.1	- 3.7	77	14	14	4	644	0	0	16	0	1.89	- 3.25	.43	10				6	0	0
MADISONVILLE 1 SE	M	M	M		73	14	15	4		0	0		0	1.88		.50	3	2.0	2	3	7	1	0
MAYFIELD RADIO WNGO	57.2M	33.2M	45.2M		77	14			602	0	0	18	0										0
MURRAY	55.0	33.7	44.4	- 4.0	74	14	17	4	631	0	0	14	0	1.43	- 3.87	.23	10	3.8	2	3	8	0	0
OWENSBORO 2 W	54.7	33.8	44.3	- 1.5	71	31+	21	24+	636	0	0	13	0	1.87	- 3.06	.57	10	2.0	2	3	5	1	0
PADUCAH FAA AIRPORT	53.8	32.5	43.2		76	14	17	4	669	0	1	19	0	2.30		1.24	2	4.0	3	3	8	1	1
PADUCAH SEWAGE PLANT	53.5	31.9	42.7		77	15	24	5+	684	0	1	19	0	1.56	- 3.29	.51	10	2.6	T	26+	6	1	0
PRINCETON 1 SE	56.1	32.9	44.5	- 2.7	75	14	12	4	629	0	0	16	0	1.91	- 3.08	.47	6	5.1	4	3	5	0	0
ROCHESTER LOCK 3	52.2	29.3	40.8		71	15	18	24	745	0	1	23	0	2.01		.42	7	1.0	1	8	7	0	0
RUSSELLVILLE	53.2	30.0	41.6	- 4.8	70	15	12	5	717	0	1	21	0	3.09	- 1.96	.60	15	2.0	2	4	10	1	0
DIVISION			43.7	- 3.2										1.93	- 3.09			2.6					
* * * CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN	55.9	31.1	43.5		75	15	15	24	659	0	0	17	0	0 2.10		.65	6				7	2	0
BARREN RIVER RESERVOIR	53.8	29.0	41.4		76	15	16	24	725	0	1	22	0	2.30		.45	3	2.3	2	4	9	0	0
BERNHEIM FOREST	56.6	30.5	43.6		74	14	13	24	656	0	0	18	0	2.51		.66	6		2	3	7	2	0
BOWLING GREEN FAA AP	53.8	30.8	42.3	- 5.1	72	14	21	24+	696	0	0	19	0	2.14	- 3.12	.40	6	1.0	T	8+	9	0	0
BRADFORDSVILLE	54.8	30.3	42.6		73	15	12	24	690	0	0	19	0	1.35		.42	3				5	0	0
CAMPBELLSVILLE 2 SSW	56.2	31.7	44.0		73	14	17	24	645	0	0	18	0					2.5					0
CECILIA	54.6	31.9	43.3	- 1.1	73	14	17	24	667	0	0	16	0	1.29	- 3.49	.55	6	4.2	1	25+	4	1	0
GLASGOW WKAY	54.6	31.7	43.2		74	14	15	4	670	0	0	17	0	2.25		.44	15+	2.8	2	3	8	0	0
GREENSBURG	54.2	29.1	41.7	- 4.2	76	15	18	24+	719	0	1	22	0	1.72	- 3.52	.36	3	4.1	3	4	7	0	0
HODGENVILLE-LINCOLN NP	56.1	32.0	44.1		72	15+	16	24	642	0	0	17	0	0 1.72		.52	10	2.8	2	3	5	1	0
IRVINGTON	55.1	30.0	42.6	- 3.2	71	14	15	24	687	0	0	19	0	1.77	- 2.85	.65	10	1.0	0		4	1	0
JAMESTOWN 8 SSW																							
LEITCHFIELD 2 N	54.6	32.2	43.4	- 2.9	72	14	17	4	662	0	0	17	0	2.16	- 2.91	.45	7	1.0	1	8+	8	0	0
LOUISVILLE	56.0	34.5	45.3		73	15	22	4	601	0	0	13	0	2.48		.72	15	4.0	1	3	6	2	0
LOUISVILLE WSO R	52.5	31.5	42.0	- 1.3	72	14	21	24+	707	0	0	16	0	2.12	- 2.47	.49	10	5.2	3	4	6	0	0
MAMMOTH CAVE PARK	55.6	30.4	43.0		75	14	15	9+	677	0	0	18	0	2.07		.58	10	3.6	2	3	6	1	0
NOLIN RIVER RESERVOIR	52.7	27.2	40.0		73	15	16	24	769	0	1	24	0	2.39		.62	7	1.0	1	4	7	2	0
ROUGH RIVER DAM	52.4	28.3	40.4		71	15	15	24+	756	0	1	23	0	2.38		.70	7	1.5	1	8+	9	1	0
SCOTTSVILLE 3 SSW	56.5	33.7	45.1		74	14	19	4	608	0	0	17	0	2.59				3.0	3	3			0
SUMMER SHADE	55.2	32.2	43.7		75	14	14	4	652	0	0	17	0	2.51		.67	3	4.0	3	3	8	1	0
DIVISION			42.9	- 3.0										2.10	- 2.89			2.8					
* * * BLUE GRASS 03																							
BEREA COLLEGE																							
CARROLLTON LOCK 1	54.9	30.6	42.8		72	15+	17	9	684	0	0	18	0	2.22	- 1.94	.61	15	3.9	3	4	6	1	0
COVINGTON WSO R	50.0	30.4	40.2	- .4	74	14	17	4	758	0	0	16	0	2.55	- 1.24	.64	10	9.7	3	20+	5	3	0
CYNTHIANA 2	50.2	25.8	38.0		74	15	15	5	831	0	1	27	0	0 1.95		.63	7	3.5	3	4	6	1	0
DANVILLE	51.0	28.6	39.8		72	15	18	5+	776	0	1	24	0	2.01	- 2.95	.42	4	8.1	5	4	8	0	0
DIX DAM	54.7	31.3	43.0		72	15+	16	4	675	0	0	17	0	1.99		.48	3		3	3	8	0	0
FALMOUTH 5 WNW	52.7	26.6	39.7		74	14	13	24+	777	0	0	24	0	2.66	- 1.87	.72	7	3.0	2	4	6	2	0
FARMERS 1 WNW	54.2	29.5	41.9	- 3.0	77	14	15	24+	709	0	1	20	0	1.94	- 2.69	.42	11		2	4	8	0	0
FLEMINGSBURG 1 SW	51.5	28.8	40.2		74	14	13	4	761	0	1	21	0	2.12		.65	10		3	3	6	1	0
FRANKFORT LOCK 4	51.5	27.2	39.4	- 4.8	73	15	18	9	789	0	2	26	0	1.94	- 2.54	1.01	7	T	T	4+	4	1	1
LEXINGTON WSO R	50.7	29.9	40.3	- 2.9	73	14	17	24	759	0	1	21	0	2.02	- 2.73	.68	6	5.3	2	4	5	2	0
MAYSVILLE SEWAGE PLANT	49.5	26.2	37.9	- 5.2	75	15	15	9	834	0	1	27	0	2.29	- 2.19	.73	11	2.0	2	4	5	2	0
MOUNT STERLING	53.7	30.8	42.3		75	14	18	24+	700	0	1	18	0	2.15	- 2.70	.53	10	8.3	4	4+	7	1	0
OWENTON	48.1	29.0	38.6		72	15	15	4	813	0	1	24	0	0 2.80		.60	7	5.0			8	3	0
RICHMOND	51.1	29.4	40.3		74	15	14	24	762	0	1	20	0	1.77		.27	4+	8.2	4	4	8	0	0
SHELBYVILLE	49.9	27.8	38.9	- 5.3	72	15	18	24+	801	0	1	26	0	2.01	- 3.11	.66	7	1.0	T	26+	5	1	0
WARSAW MARKLAND DAM	49.5	25.9	37.7	- 5.4	75	15	15	5	837	0	1	26	0	2.16	- 2.24	.50	11+	2.3	2	4	6	2	0
WAYNESBURG 7 NE	52.9	30.6	41.8		72	14	15	4	711	0	2	19	0	1.98		.39	3	5.5			7	0	0
WILLIAMSTOWN 3 NW	52.2	28.5	40.4	- 2.7	71	14	15	8+	758	0	0	21	0	1.96	- 2.63	.64	10	6.2	2	3	5	2	0
DIVISION			40.2	- 4.4										2.14	- 2.4			4.8					
* * * EASTERN 04																							
ASHLAND	51.5	26.6	39.1	- 6.3	77	15	14	5	796	0	1	23	0	1.67	- 2.48	.30	11+		7	4	7	0	0
BARBOURVILLE	54.2	28.1	41.2		74	15	16	10+	731	0	0	22	0	2.32		.55	7				8	1	0
BAXTER	53.1	28.3	40.7		73	15	15	6+	746	0	0	21	0	3.44		1.08	16				11	1	1
BLAINE	52.7	23.6	38.2		78	15	9	6+	824	0	0	28	0	D 1.62					5	4			0
CUMBERLAND	55.2	27.5M	41.4M		76	15	12	18+	719	0	0	20	0	4.81		.77	4	5.0			12	5	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 31

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

KENTUCKY
MARCH 1971

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	52.2	28.7	40.5		76	14	14	6+	755	0	2	20	0	1.91		.50	4		5	4	8	1	0
GRAYSDN 5 SE	52.1	24.2	38.2		78	15	12	24+	824	0	1	26	0	2.09		.42	4	10.0	6	4	7	0	0
HEIDELBERG LDCK 14	57.8	28.9	43.4		76	15+	12	5	666	0	0	20	0	1.54	- 3.17	.38	11		3	4	6	0	0
HINDMAN 11 NNE	55.4	27.8	41.6		72	29+	10	5	719	0	0	22	0	1.97		.70	3	10.5	2	4+	7	1	0
HYDEN	52.1	26.5	39.3		74	15	13	6	786	0	0	25	0	2.37		.40	7	3.0	3	4	9	0	0
JACKSDN	55.1	27.5	41.3		81	15	16	6+	726	0	1	25	0	2.04		.40	3		5	4	7	0	0
LDNOON FAA AP	51.4	29.2	40.3		71	14	16	9	755	0	1	19	0	2.54		.73	3	3.2	2	4	8	1	0
MANCHESTER 4 SE	56.5	29.8	43.2		73	14	14	9+	671	0	0	20	0	2.87		.63	7	4.5	4	4	8	1	0
MC KEE	51.0	24.5	37.8		74	15	11	9	839	0	2	26	0	2.60		.50	11	8.0	6	4	9	1	0
MIOOLESBORO																							
MDNTICELLD	55.8	31.5	43.7		74	14	16	24	656	0	0	19	0	2.59		.55	16	2.0	2	4	9	1	0
MOUNT VERNON	55.7	31.2M	43.5M		75	14	15	24	662	0	0	18	0	1.91		.55	10	3.0	2	2	6	1	0
PIKEVILLE																							
SOMERSET 2 N	54.8	29.8	42.3		72	14	15	24	699	0	0	21	0	1.91		.34	19	2.0	2	4+	7	0	0
STEARNS 1 W														3.61		.58	29	.5	1	8	10	1	0
TDMAHAWK 1 WSW	53.1	24.1	38.6		78	15	7	6+	813	0	0	28	0	2.36		.85	4	13.0	5	4	10	1	0
VANCE8URG	56.3M	28.1M	42.2M		74	15+	16	25+	695	0	0		0	0 2.13	- 2.34	.68	10	5.0			7	1	0
WEST LI8ERTY	52.2	25.4	38.8		79	15	12	6+	805	0	1	25	0	1.48		.31	3		4	4	7	0	0
WILLIAMS8URG 1 E	56.2	31.6	43.9	- 3.8	72	14	18	9	643	0	0	19	0	2.34	- 2.45	.47	7				6	0	0
OIVISION			40.9	- 5.4										2.37	- 2.33			5.4					

EXTREMES

HIGHEST TEMPERATURE JACKSDN	81	OATE	15
LOWEST TEMPERATURE TOMAHAWK 1 WSW	7	DATE	06+
GREATEST TOTAL PRECIPITATION CUM8ERLANO	4.81		
LEAST TDTAL PRECIPITATION COLLEGE HILL LOCK 11	.92		
GREATEST 1 DAY PRECIPITATION PADUCAH FAA AIRPORT	1.24	OATE	02
GREATEST TOTAL SNOWFALL TOMAHAWK 1 WSW	13.0		
GREATEST DEPTH DF SNOW 8UROINE 2 NE	8	DATE	04

KENTUCKY - MARCH 1971

SPECIAL WEATHER SUMMARY

March was a relatively cold and dry month with: snowfall totals average or above in a number of areas; thunderstorms on several dates and high winds on the 15th; continued flooding along the rivers bordering western Kentucky.

Precipitation totals ranged from 30 to 50 percent of normal over much of the State, and from 20 to 30 percent of normal at a few locations. Although there were several days with measurable snow during March, the general snowfall on the 3d accounted for most of the month's total snowfall. Depths on the 3d, ranging from less than 1 inch to about 9 inches, closed schools in at least 26 counties, but the snow melted rapidly on the 4th.

A vigorous cold front, with accompanying thunderstorm activity and high winds, moved rapidly eastward across Kentucky during the early morning hours of the 15th. Wind gusts to 60 m.p.h. or higher were reported in several sections of the State. News sources reported that at least three persons were injured and that at least six mobile homes were damaged or destroyed. Several dozen reports from a like number of counties indicated widespread wind damage at locations scattered over most areas of the State.

The rivers bordering western Kentucky were still out of their banks as the month began, due to the rain and snow that fell in February. The Green River in western Kentucky fell below bankfull in the first several days of March. The Ohio and the Mississippi Rivers fell slowly to below bankfull in the following several weeks. Flood damage was generally confined to farmlands and roads. Estimates indicated that in excess of 100,000 acres were flooded in western Kentucky.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issues of STORM DATA and CLIMATOLOGICAL DATA NATIONAL SUMMARY.

DAILY PRECIPITATION

KENTUCKY
MARCH 1971

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	1.95	.13	.40	.24			.24	T			.46				T	.13			.07	.04						.10			.14	T		
BEAVER DAM	-			.26			.63	.02			.28					-				.08						T	.07					
CALHOUN LOCK 2	2.07		.14	.33	.03		T	.54	.01		.24	.24				.34				.13	T						.06	.01		T		
COBB	1.58			.23				.55			.42					.22				.16						T			T	T		
DAWSON SPRINGS	1.89	T	T	.60	.01			.48				.35	T			.16	T			.17							.12		T			
DUNDEE	2.37			.32				.57	.07		*	.81				.16				.32							.12					
DUNMOR	1.55			.42	.02			.08	T		.43	.14			T	.08				.18							.18			.02		
ELKTON 2 S	1.98			.22	.06			.43	T		.07	.27			.10	.37				.25	T						.11	T		.10		
FORDS FERRY DAM 50	1.55		.17	.07	T			.30	.01		.42	.05				.39				.13	T					T				.01		
FRANKLIN 1 E	2.50			.37	T			.27			.17	.18			.28	.42				.33							.21	T		.27		
GILBERTSVILLE KY DAM	1.97		.01	.28			.49				.50	T				.35			.25							.07	.02		T	T		
GOLDEN POND 8 N	1.66			.33				.82			.29				T	.09				T							.06			.07		
GREENVILLE 2 W	2.37			.35			.89	.05			.40					.36				.15						.02	.11		.04			
HARTFORD 6 NW	1.89		T	.26	.08			.88	.10			T				.15			T	.26	T					T	.14			.02		
HENDERSON 7 SSW	1.39	.02	.09	.11			.23	T	.01		.41					.39	T		.03	.05						.05	T		T			
HICKMAN 1 E	2.27	T	.02	.68	.01		.32	T			.39			.10		.21			.15	.10						.09	T		.10	.10		
HOPKINSVILLE	1.78		T	.26	T		T	.50	.02		.26				.03	.11				.39							.13			.08		
LOVELACEVILLE	1.89	.40	.42	.35							.43					.15			T	.11						.03			T			
MADISONVILLE 1 SE	1.88		.02	.50	.10			.48	.04		.32		T			.11				.11	T						.15			.05		
MAYFIELD RADIO WNGO	-		T	-			-				-					.55				•	•	•	•	•	•	.32				.09		
MURRAY	1.43		.11	.22			.15				.23			.10	.02	.11			.20	.16						.06			.07			
OWENSBORO 2 W	1.87		.08	.25				.34			.57					.37				.18							.08		T			
OWENSBORO DAM 46	1.84		.06	.08				.38	.01		.39	.20				.48		T		.16	.04						.04	T		T		
PADUCAH FAA AIRPORT	2.30	.26	1.24	.10			.14	T		.11	.10				T	.10			.19	T					T	.04	T		.02			
PADUCAH SEWAGE PLANT	1.56		.26	.32	T			.18	T		.51					.13				.10						T	.06					
PARADISE STEAM PLANT R	2.17		T	.23	.04			.40	T		.25	.38			.02	.43				.22	.01						.14	T		.05		
PRINCETON 1 SE	1.91		T	.40			.47	.01			.43					.28			T	.22						.08	T		.02			
ROCHESTER LOCK 3	2.01			.16	.05			.42	.03		.25	.35				.24				.28							.15	T		.08		
RUSSELLVILLE	3.09			.40	.18			.32	T		.32	.30			.17	.60				.35							.31			.14		
SEBREE	2.44		.33	.33			T	.36	T		.52					.30				.40							.20					
UNIONTOWN DAM 49 //	D 1.49		.03	0 .25	.06			.22			.32	.05			T	.38				.10	T						.08	T				
* * * CENTRAL 02																																
ADDISON DAM 45 //	2.37		.04	.14	.02			.54	T	T	.38	.42				.42				.27	.07						.07	T				
ALBANY 4 N	2.95			*	.63			.45	T		.09	.15			.18	.40				.37							.26			.42		
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARDSTOWN	D 2.10			0 .10			.65	.12			.58			.02		.17				.25	.01						.20					
BARREN RIVER RESERVOIR	2.30			.45	.11	T		.15	.03		.19	.06			.20	.40				.24		T		T			.27	T		.20		
BERNHEIM FOREST	2.51			.23	.04		.66	.16	.03		.57					.26	T			.39	.03					T	.14					
BOWLING GREEN	2.14			.15	.23			.27	.05		.42	.05		.11	.15	.12				.27				T			.27	T		.05		
BOWLING GREEN FAA AP	2.14		.22	.12	.01		.40	.04	T		.39			.12		.13			.23	.05	T		.02			.23	.02		.16			
BRADFORDSVILLE	1.35			.42							.12					.28				.25							.28					
BROWNSVILLE	1.92			.19	.12			.35	.01		.28	.13		T	T	.28				.30	T	T		T			.21	T		.05		
BURKESVILLE 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELLSVILLE 2 SSW	-			0 .25			.28	T	T		.42					-				-						T	T		.64			
CANEYVILLE	2.54			.17	.15			.33	.09		.45	.34				.33				.42	.09						.17					
CECILIA	1.29			.12	T		.55	.05	T						.05					.25	.12					.08	.07					
EDMONTON	1.99			.35	.15				.10		.15	.15			.20	.15				.25							.25	.05		.19		
GAMALIEL 1 S	3.16			.31	.09	T		.59	.05		.21	.12			.44	.06				.33	T	T		T			.29	T		.67		
GLASGOW	2.39			.40	.03			.10	.20		.15				.26	.54				.22	T						.34			.15		
GLASGOW WKAY	2.25		T	.44	.03		.10	.09	T		.35			.02	.15	.44				.30			.03			.12	.18		T			
GLENDALE 1 E	2.11			.10	.10			.58	.08		.32	.20				.25				.32	T	T					.16			T		
GREENSBURG	1.72		T	.36	.17			.08	.03		.15	.12				.30				.22	T						.22	T		.07		
GREENSBURG HIWAY 61	1.52		T	.36	.17			.05	.02		.12	.13				.21				.17	T	T					.18	.02		.09		
HODGENVILLE-LINCOLN NP	D 1.72			.21	0 .05		.44	.03	0 .03		.52					.13				.27	T					T	T			.04		
IRVINGTON	1.77		.05	.15	T		.09	.35		.02	.65			T	.01					.36	.01					T	.08			T		
JAMESTOWN 8 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEITCHFIELD 2 N	2.16			.13	.11		T	.45	.02		.29	.30				.24		T		.36	.02						.22	T		.02		
LIBERTY	2.21			.31	.26			.33	.07		.25	.31				.19				.19	.02						.21			.07		
LOUISVILLE	2.48			.26			.41	.04	T		.58					.72				.34				T			.13					
LOUISVILLE WSO R	2.12		.02	.35	T		.35	T	T		.49					.47	T		.17	.17	.01					.06	.03	T				
LOUISVILLE UPPER GAGE	2.29		.06	.10	.03			.50	.02		.15	.40				.52				.38	.10						.03					
MAMMOTH CAVE PARK	2.07			.29	.03		T	.27	.03		.58			T	T	.25				.33			T			T	.24		T	.05		
MILLERSTOWN	2.65			.12	.07		T	.87	.07		.35	.19				.51	T			.26	.02	T		T			.16	T		.03		
MUNFORDVILLE	2.07			.19	.07		T	.31	.02		.35	.18				.36				.29	T	.01					.24	T		.05		
NOLIN RIVER RESERVOIR	2.39			.04	.19			.62	.01		.30	.16				.56				.28	T						.18	.01		.04		
ROUGH RIVER DAM	2.38		T	.15	.12			.70	.12	T	.35	.29				.20				.25	T						.20	T		T		
SCOTTSVILLE 3 SSW	2.59		.04	.39			.24	T			.28				*	.62				.45	.02					.06			.14	.35		
SCOTTSVILLE 2 SW	2.07			.45	.20			.15	.02		.10			.10		.50				.30	T						.25					
SHEPHERDSVILLE	2.22		.02	.09	.13			.59	.02	T	.37	.15				.28		T		.45	.02			T			.10	T	T			
SUMMER SHADE	2.51		.03	.67			.10	T	.05		.30			.33					T	.45	T		T			.10	.24		.07	.17		
WOODBURY LOCK 4	2.21			.16	.04			.41	.01		.21	.36				.56				.30							.15	T		.01		
* * * BLUE GRASS 03																																
BEREA COLLEGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEREA	2.00			.45	.37			.07	T	T	.03	.36				.32				.22	.04						.13			.01		
CARROLLTON LOCK 1	2.22		.04	.04	.10			.47	.02	T	.18	.30	.02			.61		T		.32	.03			.07			.02					
COVINGTON WSO R	2.55	T	.05	.25	T		.51	.06	.01		.64	.02				.31	T	T	.04	.60	.05		T	T	T	T	.01					
CYNTHIANA	2.12		T	.02	.26			.63	.03		.23	.46				.28	T		T	.12	.02	T		.01			.06					
CYNTHIANA 2	D 1.95			T	.29			.63			.22	.33				.29				.14	T						0 .05					
DANVILLE	2.01			.25	.42			.27	.03		.25	.25				.25				.12	T						.17					
DIX DAM	1.99		T	.48	.12			.41			.21	.24				.15				.17							.21					
FALMOUTH 5 WNW	2.66		T	T	.16			.72	T	T	.38	.62				.44				.23	.06	T		.02	T		.03					
FARMERS 1 WNW	1.94			.12	.33			.34	.07		T	.42					.14			.20	.14	.04		.04			.10					
FLEMINGSBURG	2.50			.03	.52			.61	.03	T	.02	.70				.11	.02	T		.10	.19	.06		.01			.10					
FLEMINGSBURG 1 SW	2.12			.24	.06		.47	.11	.02		.65	.02				.18	T			.23	.09			.01			.04					
FORD LOCK 10	1.88		T	.14	.44		T	.24	.14	T	.08	.42				.14	.06			.14	T	T					.08	T	T	T		
FRANKFORT LOCK 4	1.94		.02	.02	.08			1.01	.02		.21	.32			T	.22					.03						.01					
GEORGETOWN WATER WORKS	2.07			.03	.09	T		.76	T		.21	.30				.36				.16	T	.07					.09					
GEST LOCK 3	2.23		T	.03	.06			.75	.03		.35	.40				.35		T		.22	T	T		T			.04					
HIGH BRIDGE LOCK 7	1.35			.05	.22				.03	T	.10	.35			T	.21	T			.13	.04	T			T		.19	.03		T		
KEENE 1 SSW	3.61			T	.30			.68	.05		*	1.02				.42				*	.94						.20					
LA GRANGE 1 ESE	2.53		T	.49			.57	.05	T		.50	.01		T	T	.53	T			.29	.07	T		T			.02	T				
LANCASTER	2.01			.30	.40		*	*	.28		.19	.23				.24				.16							.21					
LEXINGTON WSO R	2.02		T	.30	T		.68	.02	T		.59	T				.15	T	T	.02	.20	T			T		.02	.04		T			
LITTLE HICKMAN LOCK 8	2.00			.18	.27			.36	.06		.17	.34				.27				.13	.03						.19					
LOCKPORT LOCK 2	2.60		T	.03	.14			.56	.04		.31	.75				.46				.28	T			T			.03					
MAYSVILLE SEWAGE PLANT	2.29			T	.02			.56	.02	T	.19	.73				.48		T		.19	.07			T		T	.03					
MIDWAY	2.06			.02	.08			.83	.02		.24	.36			T	.26				.16	T						.09					
MOUNT STERLING	2.15		T	.37			.28	.11	T		.53					.28	T	T	.37	T	.12		T			.09	T		T			
OWENTON	D 2.80		T	T	0 .30		T	.60	T		.38	.50	T	.03	.02	.51		T		.26	0 .10			0 .10			T					
RICHMOND	1.77		T	.27	.27		.02	.10	.07	T	.09	.24				.22				.18	.11	.02		T	T		.16			.02		
SALVISA LOCK 6	2.59			.09	.22			.78	.09		.20	.42			T	.24				.23	.19	.04					.09			T		
SHELBYVILLE	2.01			.02	.05			.66	T		.20	.29			T	.43				.31	.02	T					.03					
SPRINGFIELD	-			.08	.08			-	T		.30	-				.29				.22	T						T					
TAYLORSVILLE	2.48		T	T	.15			.95	.12		.20	.32				.48				.24	.02	T				T						
TYRONE LOCK 5	2.36			.03	.10			.92	.04		.19	.48			T	.32				.16	.05	T		T	T		.07					
VALLEY VIEW LOCK 9	1.87		T	.07	.22			.57	.01		.15	.32			T	.17	T	T		.23	.02	T		T	T		.11			T		
WARSAW MARKLAND DAM	2.16		.03	.03	.07	T		.50	.02		.13	.50				.46				.28	.12			.02								

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WAYNESBURG 7 NE	1.98			.39	.37	T				T	.21	.28				.27				.29	T						.17						.
WILLIAMSTOWN 3 NW	1.96		.01	.05	.01		.51	.07		T	.64	.03			T	.27				.23	.11		T	.02			.01			T			.
* * *																																	
EASTERN 04																																	
ASHLAND	1.67			.15	.30			.22	.02			.30					.17			.08	.21			.02			.20						.
BARBOURVILLE	2.32		.04	.19	.19			.55	.10			.35					.04			.08	.10	T		.02			.33		T	.33			.
BAXTER	3.44		.06	.30	.33			.30	.10			.29					1.08		T	.11	.12	.06		.11	T		.24	T		.34			.
BLAINE	D 1.62			*	.60				.14			.30					.12	T		.12	.11			0 .03			0 .20						.
BUCKHORN	2.19			.40	.30	T		.37	T	T		.20		T			.12			.25	.22	T		.10			.10	T		.13			.
BURDINE 2 NE	3.46		.05	.30	.50				.35			.20				.76	.15	.20		.15	.20			.20			.25			.15			.
CLAY CITY 1 WNW	1.59			.17	.27		T	.15	.05		T	.37				.05		.03		.25	.10	.05					.10						.
COLLEGE HILL LOCK 11	.92			.23	.16		T	.10	.03		T	.22				T	T	T		.10	.02	T		T			.06			T			.
CUMBERLAND	4.81	.05	.09	T	.77		.50	.60	.50	T	.20	.03	T			.70	T	T		.24	.02		T	.24	T		.17	.20	.20	.30	T		.
CUMBERLAND FALLS ST PK	2.22		T	.78	T			.02	T		.49			T		.21			.12		T		T			T	.34		.26				.
DEWEY DAM	1.91			.37	.50	T		.20	.11		T	.15				.10		T		.15	.21			T			.08	.02		.02			.
ELKHORN CITY	2.99		.03	.03	.82			.52	.02			.05					.78	.02	*	*	*	.17		.25			.23				.07		.
FISHTRAP RESERVOIR	2.60		T	.58	.45	T		.50	.06	T		.11					.36	.05	T		.03	T	.05	.21	T		.15	.05		T			.
FREEBURN 2 SW	3.28			.42	.49	T		.76	.05	.01		.14					.40	T	T	.15	.17	.10		.29	T		.23	.01		.04	.02		.
FRENCHBURG	3.20			*	.60							1.10				.20		T		.47		T		.73			.10			T			.
GRAYSON 5 SE	2.09			.30	.42			.20	.03			.37					.20		.02	.09	.20	.08		.02	T		.16						.
GRAYSON RESERVOIR	1.70			.19	.22			.17	.04			.35					.25	T		.02	.23	T		T			.23	T					.
HAZARD WATER WORKS	2.58			.47	.20			.45				.21					.28	.42		.18		.05		.09			.09			.14			.
HEIDELBERG LOCK 14	1.54			.30	.30			.17	T	T		.38			T		T	T		.20	.12			T			.04	T		.03			.
HINDMAN 11 NNE	1.97			.70	.20		.24	.15		.08	.12					.13		.03			.22		.04	.06									.
HYDEN	2.37		T	.38	.35			.40	.06			.22					.15			.24	.01	.02		.17			.20	T		.17			.
JACKSON	2.04			.40	.38	T		.17	.05			.26					.20	.04		.14	.24			.06			.03			.07			.
JEREMIAH	2.28		.03	.45	.15			.44	.08		T	T				.28		T		.13	.05		.07	.20	T		.22			.18			.
LLOYD GREENUP DAM	1.94			T	.30			.62	.01	.03		.46					.20	T		.10	.14			T			.08						.
LONDON FAA AP	2.54		.05	.73	.07		.34	.04	.03		.37	T				.04		T	.01	.26	.03		.11			.12	.22		.12				.
LOUISA 2	1.89			.32	.66			.10	.05			.12					.06		T	.02	.08	.21		.02	T		.03	.20	.02				.
MANCHESTER 4 SE	2.87			.40	.35			.63	.04			.30					.30			.23	.09	T		.09			.22	T		.22			.
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
MC KEE	2.60			.32	.32			.35	.08	T	.11	.50				.10	T			.43	.08	T		.05			.16	T	T	.10			.
MIDDLESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
MONTICELLO	2.59			.26	.18			.39	.05		.14	.04				.12	.55			.34							.26			.26			.
MOUNT VERNON	1.91	T	.40	.03			.10	.07	.02		.55					.14				.46	T		.04							.10			.
ONEIDA	2.43			.30	.30			.42	.03			.32					.20			.35	.10			.12			.12			.17			.
PAINTSVILLE 1 S	1.16			.10	.70				.12					T			.18			T	T	T		T			.06	T					.
PIKEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
PINEVILLE 4 NW	2.45		.16	.16	.29			.42	.12			.25			T	.12				.04				.07			.39			.43			.
RAVENNA LOCK 12	1.13			.36	.15			.08	T	T	T	.30		T		T	.02			.08	.09			T			.05	T					.
SALYERSVILLE 2 SE	1.60			.48	.52	.21										.20					.10				.09								.
SOMERSET 2 N	1.91			.28	.06		.17	.05	.03		.32	.02				.15				.34	.06		.04			.04	.19		.01	.15			.
STEARNS 1 W	3.61			.47	.31			.47	.03		.15	.40				.34	.47			.16							.23			.58			.
TILFORD	2.03			.21					.11							.71				.15							*	*	*	.85			.
TOMAHAWK 1 WSW	2.36			.25	.85			.20	.10			.10					.24			.16	.16			.10			.20			T			.
VANCEBURG	D 2.13		T	D .15	D .25	.02	.48	.16			.68	.07				.22								T	T		0 .10						.
WEST LIBERTY	1.48			.31	.29			.19	.03	T		.12					.14		T	.12	.15	T		.05			.08	T					.
WILLIAMSBURG 1 E	2.34			.31	.17			.47	.08		.05	.29				.05				.07	.04			.08			.27			.46			.
WILLOW LOCK 13	2.34			.31	.26			.08	T			.35				.04	.68			.50	.08	T		T			.02			.02			.

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent Standard of Time EASTERN				Number of days with precipitation								
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of Possible sunshine	Average sky cover sunrise to sunset
COVINGTON WSO	26	4.8	12.6	33++	24	19+	74	81	60	60	8	7	2	3	0	0	20	-	7.7
LEXINGTON WSO	24	5.0	12.6	32++	27	15	69	74	54	56	9	4	3	2	0	0	18	-	6.7
LOUISVILLE WSO	27	4.1	11.4	37	W	06	64	72	52	50	5	4	6	0	0	0	15	59	6.9

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	63	49	34	38	55	53	39	42	56	53	63	69	70	75	73	68	55	59	50	49	64	50	42	42	40	46	60	62	55	63	71	55.1
	MIN	35	32	25	15	29	37	28	26	25	37	30	38	45	50	51	32	25	38	35	30	29	40	26	21	30	30	26	40	36	25	42	32.5
BEAVER DAM	MAX	64	60	45	38	57	55	39	38	53	52	58	70	68	73	70	61	48	61	61	45	66	64	43	41	41	49	59	65	56	58	71	55.8
	MIN	34	43	26	21	24	38	30	24	19	37	25	40	48	45	48	35	21	25	35	31	24	41	25	18	33	32	25	44	39	24	36	31.9
FORDS FERRY DAM 50	MAX	56	47	32	38	55	55	38	40	57	47	62	69	68	75	71	47	49	63	50	47	66	47	39	43	39	48	62	60	52	62	73	53.5
	MIN	34	31	22	19	29	34	28	24	24	30	27	39	45	47	41	29	26	34	30	31	23	35	27	22	33	33	29	46	33	29	39	31.4
GILBERTSVILLE KY DAM	MAX	65	62	40	40	54	55	41	43	55	56	62	71	68	71	70	63	56	59	57	50	66	66	45	45	43	47	56	65	59	64	70	56.9
	MIN	38	40	25	22	34	37	32	27	29	39	34	45	49	50	48	36	28	41	36	32	38	43	27	26	23	33	32	46	38	29	46	35.6
GOLDEN POND 8 N	MAX	61	66	56	35	43	58	60	45	46	60	49	70	72	70	77	60	52	53	60	56	49	65	51	40	42	37	45	62	65	55	61	55.5
	MIN	37	39	26	13	20	35	30	25	28	34	30	35	46	51	49	45	32	25	37	37	26	37	28	25	31	33	30	33	39	31	41	33.2
GREENVILLE 2 W	MAX	65	63	44	38	57	57	40	41	55	55	58	68	67	72	73	62	50	62	58	46	66	60	45	40	40	46	60	64	55	60	72	56.1
	MIN	34	42	25	13	22	39	30	22	30	37	25	40	47	48	48	33	21	25	34	31	25	39	25	17	33	32	26	45	38	23	41	31.9
HENDERSON 7 SSW	MAX	57	48	40	37	55	51	36	40	54	50	61	68	66	74	69	57	50	59	50	47	64	55	40	39	38	50	59	62	54	60	73	53.6
	MIN	35	38	25	19	28	34	30	24	22	36	28	42	45	49	47	36	24	33	36	31	31	37	25	20	32	32	30	43	37	29	42	32.9
HICKMAN 1 E	MAX	63	50	35	40	57	54	41	41	59	55	65	70	70	77	73	60	54	61	51	50	64	54	45	45	40	45	62	62	57	64	70	55.9
	MIN	35	35	27	22	27	36	30	27	27	38	31	43	49	50	48	42	27	38	38	32	32	36	29	29	32	33	26	45	40	30	39	34.6
HOPKINSVILLE	MAX	53	68	53	31	41	59	59	40	42	57	47	64	71	63	73	64	53	54	66	45	49	66	56	43	45	38	46	61	65	56	63	54.5
	MIN	36	36	28	17	17	28	30	23	23	25	31	34	45	51	52	35	25	26	35	31	29	32	27	21	23	32	28	30	40	30	31	30.7
LOVELACEVILLE	MAX	60	50	37	37	58	56	40	43	59	53	64	71	71	77	70	60	54	63	50	50	65	54	41	43	38	49	64	64	56	64	72	55.9
	MIN	36	34	25	14	25	35	28	25	24	39	30	37	45	49	47	34	23	34	38	30	29	37	27	19	30	32	25	42	38	25	41	32.2
MADISONVILLE 1 SE	MAX	62	58	42	39	56	55	38	41	55	53	61	69	70	73																		
	MIN		40	26	15	25	36	30	23	21	38	26	38	47	49	49																	
MAYFIELD RADIO WNGO	MAX	66	53			54	54	41	43	58	54	64	71		77	75	61	51	60		48		57	45	45	39	45	63	65	58	64	75	57.2
	MIN	31	39			30	33	28	22	28	37	28	38		56	49	38	23	34			31		28	19	30	32	23	46	40	23	43	33.2
MURRAY	MAX	67	51	34	39	57	55	39	40	59	53	64	70	64	74	71	55	54	65	49	48	64	52	41	44	39	43	63	65	54	61	71	55.0
	MIN	35	34	23	17	27	35	27	25	26	37	31	43	51	50	44	36	26	36	35	30	32	41	28	23	31	33	28	48	39	34	41	33.7
OWENSBORO 2 W	MAX	62	57	42	38	56	52	36	38	53	50	59	68	66	71	68	60	50	61	58	45	65	57	40	44	40	51	59	62	56	60	71	54.7
	MIN	37	40	27	21	30	35	28	25	23	37	30	40	50	49	48	36	26	32	36	34	30	38	27	21	34	33	34	42	38	28	39	33.8
PADUCAH FAA AIRPORT	MAX	61	46	30	38	56	53	39	43	59	48	62	70	69	76	70	50	55	61	49	51	64	47	39	41	37	47	61	59	55	62	71	53.8
	MIN	35	29	21	17	31	32	28	24	25	32	32	41	49	51	46	30	24	36	36	31	35	32	26	23	31	33	27	41	35	30	45	32.5
PADUCAH SEWAGE PLANT	MAX	51	60	43	32	39	58	54	41	43	60	48	63	71	69	77	61	49	55	62	48	51	66	50	40	41	37	49	64	59	55	64	53.5
	MIN	38	39	27	24	24	31	31	26	28	32	32	33	40	51	48	35	25	26	38	32	33	37	28	25	25	33	29	30	38	25	26	31.9
PRINCETON 1 SE	MAX	66	63	40	36	55	54	39	41	56	55	62	69	67	75	74	60	53	61	60	47	65	60	42	41	40	44	62	62	57	61	71	56.1
	MIN	37	39	24	12	26	37	29	20	21	37	28	44	51	50	47	34	23	38	34	30	31	41	26	20	30	32	26	48	38	27	40	32.9
ROCHESTER LOCK 3	MAX	52	66	54	32	39	51	56	37	40	53	46	58	68	64	71	62	49	49	64	43	45	65	52	40	42	40	46	60	66	52	57	52.2
	MIN	33	34	29	21	21	29	31	24	21	21	27	27	40	46	51	36	24	24	28	32	27	33	26	18	21	32	26	31	42	26	27	29.3
RUSSELLVILLE	MAX	55	67	58	31	39	56	57	38	42	53	46	59	67	60	70	63	53	51	64	44	48	65	54	41	44	41	43	59	66	55	59	53.2
	MIN	33	36	28	15	12	30	30	22	19	24	24	30	47	49	55	35	26	26	37	31	27	37	26	18	22	32	25	31	41	29	34	30.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN	MAX	63	58	47	37	54	57	56	35	50	49	54	68	64	74	75	61	46	62	60	45	62	64	45	40	42	48	56	66	67	57	70	55.9
	MIN	35	41	27	20	22	43	27	23	16	36	28	35	46	41	49	36	26	24	35	29	22	43	24	15	28	31	26	44	38	22	33	31.1
BARREN RIVER RESERVOIR	MAX	55	71	64	32	38	57	58	37	41	54	45	60	70	58	76	64	54	50	65	42	46	65	54	42	44	42	43	60	68	55	59	53.8
	MIN	39	39	30	21	21	28	30	23	19	22	25	28	45	43	52	36	22	22	30	31	25	33	27	16	18	33	25	26	41	24	25	29.0
BERNHEIM FOREST	MAX	65	62	49	38	55	56	56	38	50	51	52	68	68	74	73	62	48	62	61	44	64	64	45	42	42	52	57	67	63	58	70	56.6
	MIN	33	40	28	21	25	41	30	22	16	38	28	36	43	40	48	34	23	22	35	31	21	41	25	13	28	31	26	40	37	21	29	30.5
BOWLING GREEN FAA AP	MAX	68	60	35	38	55	58	38	41	53	51	59	67	58	72	64	52	50	64	49	44	66	53	39	42	41	44	61	66	53	58	69	53.8
	MIN	36	35	26	21	24	35	27	23	21	30	25	42	43	40	47	30	25	26	33	29	25	34	27	21	33	30	25	46	35	28	32	30.8
BRADFORDSVILLE	MAX	61	69	61	33	47	59	60	35	43	51	39	61	67	68	73	62	51	55	65	40	51	63	54	42	45	45	55	63	69	56	57	54.8
	MIN	35	42	27	19	20	38	29	22	15	39	27	31	47	48	37	38	29	21	37	30	20	43	25	12	30	31	22	42	37	20	26	30.3
CAMPBELLSVILLE 2 SSW	MAX	66	66	50	39	54	57	49	39	50	50	58	62	64	73	71	66	51	63	60	49	61	57	47	47	43	44	56	66	57	56	70	56.2
	MIN	34	39	21	20	24	47	29	22	19	35	24	40	49	44	51	35	25	25	36	30	24	42	24	17	32	31	24	41	41	25	32	31.7
CECILIA	MAX	64	57	42	38	55	56	48	36	52	48	56	67	65	73	70	47	50	63	60	44	63	58	41	41	41	49	55	64	58	64	69	54.6
	MIN	40	41	28	18	26	38	28	22	19	36	27	35	46	40		34	26	26	35	30	32	38	25	17	30	28	36	40	38	30	35	31.9
GLASGOW WKAY	MAX	70	62	43	36	55	55	56	38	51	48	58	66	57	74	68	55	49	65	59	43	62	55	41	40	40	42	58	65	55	57	69	54.6
	MIN	38	42	27	15	26	36	28	22	18	35	25	38	49	44	53	34	23	25	35	30	23	41	25	17	32	31	24	48	40	27	33	31.7
GREENSBURG	MAX	56	70	63	31	39	57	58	39	40	54	45	59	69	62	76	64	54	49	66	42	45	64	55	43	44	45	47	61	68	56	58	54.2
	MIN	35	38	29	21	21	23	30	24	18	19	28	30	37	38	50	37	28	25	27	30	23	29	27	18	21	33	26	38	44	26	28	29.1
HODGENVILLE-LINCOLN NP	MAX	65	64	50	37	55	55	55	34	50	50	55	69	68	72	72	62	46	61	62	44	62	62	49	41	42	47	57	68	60	55	70	56.1
	MIN	36	43	28	17	24	42	27	21	18	35	27	39	48	45	49	36	24	27	36	30	25	43	25	16	31	31	27	44	39	24	35	32.0
IRVINGTON	MAX	64	62	45	35	52	55	53	35	50	51	53	67	66	71	70	54	50	61	61	39	64	64	45	45	41	48	56	65	59	58	70	55.1
	MIN	32	41	26	17	25	45	26	25	16	35	21	36	45	38	46	30	23	25	34	30	22	42	22	15	29	30	25	40	36	21	33	30.0
JAMESTOWN 8 SSW	MAX																																
	MIN																																
LEITCHFIELD 2 N	MAX	65	57	45	39	55	55	49	37	52	47	56	68	60	72	69	57	48	62	55	45	64	58	40	41	41	48	58	65	58	57	71	54.6
	MIN	33	41	28	17	24	39	30	22	18	36	26	34	48	53	51	35	24	23	36	30	28	40	26	18	32	32	27	40	42	28	36	32.2
LOUISVILLE	MAX	62	62	46	39	56	57	53	36	50	53	55	67	69	71	73	62	49	58	58	42	63	63	45	40	42	51	57	66	65	56	70	56.0
	MIN	37	41	27	22	30	48	29	23	24	38	33	40	50	46	47	40	28	29	38	33	28	39	26	23	30	32	34	47	38	33	37	34.5
LOUISVILLE WSO	MAX	60	50	34	37	54	54	37	36	49	46	52	66	62	72	70	51	49	59	50	44	63	51	39	40	42	52	58	68	53	57	71	52.5
	MIN	34	34	26	22	24	35	28	24	21	36	30	37	45	42	48	33	28	28	34	31	25	35	26	21	29	33	29	42	37	29	33	31.5

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
MARCH 1971

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAMMOTH CAVE PARK	MAX	67	66	49	38	51	57	49	38	52	48	56	67	63	75	72	59	48	64	62	44	65	61	43	41	41	45	55	66	56	57	70	55.6
	MIN	27	42	24	15	23	38	25	22	15	34	22	39	47	40	46	39	22	26	34	29	23	41	25	16	33	30	24	37	42	29	32	30.4
NOLIN RIVER RESERVOIR	MAX	53	68	58	31	39	55	56	38	39	52	44	58	68	61	73	65	50	49	64	41	45	66	54	40	41	41	46	59	68	52	59	52.7
	MIN	38	37	29	17	17	27	30	23	17	18	26	27	42	42	42	34	20	21	24	30	22	29	26	16	19	32	25	26	40	23	24	27.2
ROUGH RIVER DAM	MAX	53	66	55	32	40	55	54	37	38	53	45	57	68	64	71	63	47	50	64	41	44	65	51	40	43	40	51	60	65	52	60	52.4
	MIN	34	37	27	15	17	30	29	23	18	23	26	29	42	45	50	38	21	22	23	30	26	35	26	15	17	31	28	29	39	24	27	28.3
SCOTTSVILLE 3 SSW	MAX	70	64	48	36	56	58	55	40	54	50	59	68	60	74	70	60	48	66	61	46	64	60	52	41	39	40	60	66	60	57	71	56.5
	MIN	39	44	27	19	25	45	29	21	22	38	27	45	50	48	51	38	24	32	34	25	28	41	25	20	32	32	27	49	40	29	38	33.7
SUMMER SHADE	MAX	68	65	43	35	55	58	56	38	52	50	57	65	57	75	69	55	48	67	57	44	62	55	41	41	41	41	60	67	63	56	69	55.2
	MIN	40	43	25	14	22	41	29	23	19	37	25	38	50	43	51	33	32	28	36	30	25	40	25	18	32	32	25	45	39	24	35	32.2
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX																																
	MIN																																
CARROLLTON LOCK 1	MAX	60	58	46	38	54	59	53	36	47	47	49	67	66	72	72	58	45	55	57	44	62	62	42	40	43	50	55	70	70	55	70	54.9
	MIN	33	40	28	19	26	35	28	20	17	34	30	35	45	36	46	39	30	24	33	30	24	36	24	20	23	31	27	43	42	23	28	30.6
COVINGTON WSO	MAX	57	46	35	36	53	53	35	33	45	40	47	65	64	74	69	47	44	53	48	38	60	46	34	37	43	50	58	68	49	53	71	50.0
	MIN	34	35	25	17	26	35	26	21	19	34	34	34	46	41	46	32	30	30	33	30	24	33	23	19	24	33	27	41	34	22	35	30.4
CYNTHIANA 2	MAX	54	62	56	31	37	52	58	34	35	47	43	51	58	61	74	61	42	45	59	43	36	60	47	42	38	45	48	57	70	54	55	50.2
	MIN	32	31	28	17	15	23	27	20	16	18	32	30	32	35	41	33	29	22	25	30	20	28	26	16	18	26	22	27	36	20	25	25.8
DANVILLE	MAX	51	65	60	31	35	52	58	34	35	49	43	53	65	63	72	61	49	45	61	41	42	61	55	40	40	42	44	57	68	55	55	51.0
	MIN	35	35	26	18	18	24	28	22	20	23	30	30	45	41	46	39	29	25	25	27	27	27	25	19	19	30	27	27	43	27	29	28.6
DIX DAM	MAX	63	63	56	33	51	56	55	34	48	48	52	63	65	72	72	61	44	59	59	39	60	58	51	40	43	42	56	67	63	54	68	54.7
	MIN	35	41	26	16	23	34	28	21	19	33	31	37	47	39	52	35	27	24	38	35	26	40	23	17	27	29	26	44	41	25	31	31.3
FALMOUTH 5 WNW	MAX	60	50	43	37	53	54	52	33	46	40	48	65	64	74	72	55	44	54	53	42	61	57	36	38	43	51	56	69	63	53	69	52.7
	MIN	25	38	24	17	19	31	27	20	13	30	31	30	40	38	47	36	28	20	25	29	17	32	22	13	16	30	18	33	33	18	25	26.6
FARMERS 1 WNW	MAX	63	61	50	33	53	60	52	32	48	47	52	65	68	77	72	57	42	54	52	40	59	55	45	38	47	44	58	69	63	53	70	54.2
	MIN	32	41	25	19	17	30	29	21	15	37	33	30	37	38	52	36	30	25	33	29	21	44	26	15	22	31	23	35	39	23	25	29.5
FLEMINGSBURG 1 SW	MAX	60	54	45	33	48	59	54	30	43	42	47	62	65	74	69	52	40	55	52	40	58	55	36	36	43	44	56	67	61	50	67	51.5
	MIN	31	39	24	13	17	31	27	19	17	32	32	35	45	36	51	36	27	23	33	27	22	36	23	17	20	29	23	40	39	22	26	28.8
FRANKFORT LOCK 4	MAX	56	65	57	31	39	54	51	32	37	50	42	52	70	64	73	56	45	48	60	44	45	62	49	40	39	44	52	58	68	55	57	51.5
	MIN	32	31	28	20	19	25	31	22	18	19	30	31	34	38	39	37	30	24	24	25	23	25	26	20	20	28	28	29	40	23	24	27.2
LEXINGTON WSO	MAX	62	55	37	33	50	59	35	32	45	43	50	63	63	73	68	49	43	60	48	40	59	48	35	38	43	45	55	66	52	52	70	50.7
	MIN	35	37	24	19	22	33	25	21	19	33	30	37	45	41	49	31	28	26	32	29	23	31	24	17	27	30	30	42	32	23	33	29.9
MAYSVILLE SEWAGE PLANT	MAX	53	61	55	30	36	50	59	35	33	45	40	47	65	65	75	59	43	43	55	47	41	60	46	35	37	44	48	56	69	52	52	49.5
	MIN	31	31	28	19	19	25	30	22	15	18	32	29	31	39	33	37	28	22	25	30	23	26	25	20	19	20	22	26	39	24	25	26.2
MOUNT STERLING	MAX	64	60	50	35	51	60	54	32	45	45	50	65	66	75	69	61	42	58	58	40	50	58	46	39	46	44	57	68	56	52	68	53.7
	MIN	34	40	24	18	22	33	28	21	19	33	32	35	46	41	53	35	28	23	35	29	22	39	24	18	24	30	26	43	42	27	30	30.8
OWENTON	MAX	51	60	45	35	36	52	52	33	32	46	42	49	64	62	72	57	40	43	51	40	40	59	44	35	38	42	48	50	68	51	54	48.1
	MIN	32	34	34	15	16	26	28	19	20	22	30	32	42	47	48	40	28	30	32	29	27	29	20	19	20	25	31	31	39	26	28	29.0
RICHMOND	MAX	55	67	60	28	36	52	60	37	35	48	41	53	65	64	74	63	44	45	60	41	38	60	51	41	41	43	43	57	70	57	54	51.1
	MIN	37	40	28	16	21	28	29	21	16	25	31	33	43	41	47	35	25	28	28	29	24	35	24	14	25	30	25	35	40	23	34	29.4
SHELBYVILLE	MAX	53	62	51	31	37	53	54	36	35	48	44	51	66	64	72	60	41	45	59	40	43	61	45	37	41	42	50	55	67	51	54	49.9
	MIN	32	32	26	20	19	24	27	22	18	18	30	31	39	43	44	35	27	27	28	30	24	26	24	18	19	27	29	30	41	25	28	27.8
WARSAW MARKLAND DAM	MAX	52	60	50	31	38	54	54	34	34	48	43	49	66	64	75	56	42	46	55	48	41	62	42	34	38	42	50	57	69	47	53	49.5
	MIN	33	32	19	16	15	26	31	22	18	16	32	31	31	40	38	40	30	23	19	32	24	21	25	19	17	24	25	28	34	22	20	25.9
WAYNESBURG 7 NE	MAX	66	61	50	32	52	51	50	32	46	43	52	62	63	72	70	58	47	60	58	40	59	60	40	38	43	39	54	66	58	51	68	52.9
	MIN	35	39	24	15	20	41	21	20	17	34	30	36	46	45	51	36	28	26	31	27	22	39	25	16	28	30	24	45	41	24	32	30.6
WILLIAMSTOWN 3 NW	MAX	60	51	41	35	51	54	51	33	46	45	48	65	62	71	67	54	45	54	54	40	60	56	37	40	42	50	56	68	61	54	68	52.2
	MIN	31	36	24	15	23	36	27	15	17	32	30	35	48	39	42	34	27	22	31	22	23	34	21	16	20	29	26	41	38	23	26	28.5
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	56	62	59	30	36	52	61	37	33	47	43	49	66	66	77	73	52	43	55	49	40	59	51	36	38	46	45	58	71	56	51	51.5
	MIN	28	36	28	20	14	17	32	23	15	16	34	29	28	39	44	41	29	19	19	31	21	34	28	15	16	20	23	33	43	27	24	26.6
BARBOURVILLE	MAX	57	71	64	35	38	56	59	38	35	51	47	60	64	65	74	69	61	47	65	53	42	63	53	43	43	45	39	59	69	59	55	54.2
	MIN	31	43	34	21	18	18	30	24	16	16	34	33	37	39	41	47	30	21	21	30	21	22	30	17	18	32	28	29	42	25	24	28.1
BAXTER	MAX	60	70	59	38	37	55	53	35	33	52	45	57	63	63	73	69	60	47	63	51	38	58	54	42	44	46	39	60	69	58	55	53.1
	MIN	36	43	36	20	15	15	30	23	16	16	34	32	33	33	40	34	30	22	22	31	28	28	33	22	22	29	26	28	47	27	26	28.3
BLAINE	MAX	56	66	64	34	36	52	63	37	37	47	43	52	66	69	78	72	55	43	58	48	38	58	58	37	40	47	41	58	72	57	52	52.7
	MIN	29	31	28	22	9	9	32	22	12	12	31	26	28	33	36	38	29	18	18	32	19	19	28	15	15	18	22	22	32	27	21	23.6
CUMBERLAND	MAX	69	69	56	34	46	52	48	34	48	49	55	60	67	70	76	63	57	61	61	43	55	56	49	40	47	45	50	62	67	56	65	55.2
	MIN	37	39	26	18	16	35	28		12	27	33	26	43	35	45	31	27	12			13	39	28	18	22	28	25	35		23	21	27.5
DEWEY DAM	MAX	55	64	64	34	32	50	61	38	32	46	43	52	63	76	72	63	57	41	60	53	38	60	56	38	40	48	40	60	72	57	52	52.2
	MIN	30	35	33	22	14	14	34	27	20	20	35	30	30	40	45	38	34	23	24	35	22	25	35	22	20	28	30	23	44	30	28	28.7
GRAYSON 5 SE	MAX	55	64	60	30	37	51	62	39	33	48	43	52	65	68	78	72	53	44	57	49	39	59	51	36	39	46	44	58	71	58	53	52.1
	MIN	29	31	28	20	12	13	31	23	13	13	34	27	27	37	40	39	30	17	18	30	18	20	29	12	14	19	20	23	37	26	21	24.2
HEIDELBERG LOCK 14	MAX	68	68	64	34	54	61	58	34	49	50	54	65	68	76	76	64	48	63	65	41	62	63	51	40	46	47	56	71	69	57	69	57.8
	MIN	32	38	28	21	12	29	30	23	14	28	34	28	40	38	50	34	29	19	39	31	20	36	29	14	26	33	23	33	40	22	24	28.9
HINDMAN 11 NNE	MAX	67	63	50	34	50	60	52	36	46	46	48	65	64	70	72	64	50	60	60	45	58	55	45	41	50	44	60	68	72	53	70	55.4
	MIN	30	38	28	20	10	26	20	18	16	25	30	30	38	36	54	38	30	19	35	30	20	40	30	16	20	24	22	35	33	26	24	27.8
HYDEN	MAX	55	68	62	36	34	51	60	37	34	49	44	46	64	68	74	71	57	44	62	50	39	60	52	39	40	48	38	56	69	57	52	52.1
	MIN	28	35	34	21	14	13	30	24	15	15	32	29	31	38	39	36	30	21	21	30	21	21	31	16	16	29	28	29	44	26	25	26.5
JACKSON	MAX	61	72	70	32	39	58	63	38	35	53	43	59	67	68	81	69	52	48	65	49	39	63	53	43	47	50	40	60	75	60	57	55.1
	MIN	30	40	30	22	16	16	30	26	18	18	34	30	31	38	38	46	30	20	22	30	24	24	31	18	19	30	26	27	36	26	26	27.5

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	67	63	35	33	53	58	35	32	48	44	54	63	63	71	68	56	46	60	49	38	60	49	37	40	44	35	52	67	54	51	68	51.4
	MIN	40	35	23	19	20	35	26	21	16	35	31	31	42	34	46	33	27	22	34	28	23	36	25	17	29	26	23	44	34	24	27	29.2
MANCHESTER 4 SE	MAX	70	67	62	45	54	62	53	33	48	47	56	64	66	73	72	61	48	61	61	40	60	60	47	40	47	48	56	68	63	52	68	56.5
	MIN	35	41	35	21	14	26	29	23	14	29	32	28	37	36	55	38	28	21	35	27	20	42	29	16	28	32	26	37	42	22	27	29.8
MC KEE	MAX	54	68	63	31	35	55	57	34	31	50	41	54	64	65	74	62	53	44	63	46	38	60	51	38	40	45	37	54	69	54	52	51.0
	MIN	29	35	29	19	13	15	29	22	11	15	32	28	31	33	35	40	27	21	21	29	18	20	26	12	16	30	21	24	37	20	22	24.5
MIDDLESBORO	MAX																																
	MIN																																
MONTICELLO	MAX	70	64	54	36	58	58	51	37	51	49	58	64	64	74	70	58	46	64	59	42	62	57	49	41	44	38	59	69	57	55	72	55.8
	MIN	40	44	26	20	21	24	29	23	17	37	29	34	47	44	54	40	27	23	36	30	22	43	26	16	31	32	21	46	42	24	28	31.5
MOUNT VERNON	MAX	67	62	52	55	54	59	51	33	48	48	55	65	65	75	73	60	45	63	59	40	60	59	46	41	44	40	57	67	62	53	70	55.7
	MIN	39			23	22	33	26	22	17	35	32	36	48	41	53	39	28	23	35	28	24	42	25	15	29	31	21	44	42	23	28	31.2
PIKEVILLE	MAX																																
	MIN																																
SOMERSET 2 N	MAX	68	63	50	36	55	56	50	36	52	43	56	62	64	72	70	59	46	62	59	49	59	56	46	41	43	38	57	68	59	54	69	54.8
	MIN	39	43	26	20	20	24	30	24	16	37	32	26	30	37	54	35	30	21	34	28	21	40	21	15	30	32	23	45	42	22	27	29.8
STEARNS 1 W	MAX																																
	MIN																																
TOMAHAWK 1 WSW	MAX	57	65	63	33	36	52	63	40	34	48	46	54	63	69	78	72	58	42	58	50	45	60	56	38	40	48	39	56	72	58	52	53.1
	MIN	29	29	30	15	7	7	32	24	13	13	30	25	25	30	41	38	31	16	16	32	26	32	31	14	14	20	21	22	34	29	20	24.1
VANCEBURG	MAX	63	63	51	36	53	62	53	34	48	45	55	65	67	74	74	63	51	56			61	59	45	37	45			71	67	54	69	56.3
	MIN	30	41	28	20	17	19	32	23	16	32	26	27	36	38	50	40	28	19			20	40	26	16	16			32	42	25	21	28.1
WEST LIBERTY	MAX	55	66	65	30	35	50	58	35	34	49	42	54	65	70	79	70	54	40	60	47	42	60	51	38	40	49	43	60	72	57	48	52.2
	MIN	28	33	29	20	12	12	30	23	15	15	34	28	28	41	44	39	30	19	19	31	20	20	27	15	15	25	23	23	40	25	25	25.4
WILLIAMSBURG 1 E	MAX	69	68	59	38	47	59	55	33	49	51	62	64	64	72	71	64	49	63	61	40	64	61	50	43	44	38	49	68	63	56	69	56.2
	MIN	42	42	31	21	20	32	29	26	18	37	35	30	35	39	56	45	30	23	34	29	23	36	28	20	30	32	24	35	45	25	29	31.6

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN																																		
	4	MAX	48	48	48	48	42	45	45	40	40	40	44	45	49	57	53	54	47	46	46	45	45	45	45	44	44	47	45	48	49	50	50	46.5
		MIN	42	45	48	42	37	41	40	37	35	40	40	42	45	47	50	47	42	40	44	41	38	44	40	36	39	40	40	44	46	42	43	41.8
	20	5PM	46	47	48	46	45	45	45	45	44	44	44	48	46	47	49	54	49	48	48	47	46	47	46	46	46	45	45	46	47	58	47	46.9
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	48	48	50	45	40	45	44	42	40	42	45	45	47	50	50	53	48	45	49	47	45	45	45	45	45	41	45	48	50	50	50	46.2
		MIN	44	46	45	40	38	40	41	38	37	40	40	42	45	47	48	45	43	43	45	43	39	44	41	40	39	39	40	44	47	44	45	42.3
	20	6PM	45	45	45	44	45	43	43	43	43	42	42	43	44	45	46	46	46	46	46	45	44	44	45	44	40	41	43	44	45	45	45	44.1
CUMBERLAND GAP PARK																																		
	4	MAX	50	50	50	44	43	44	45	42	41	43	45	45	48	52	55	55	51	49	47	47	46	46	50	44	43	43	46	48	51	51	51	47.3
		MIN	47	48	44	42	38	41	41	41	37	40	39	42	45	45	52	48	46	42	47	42	39	44	44	40	43	41	38	45	45	44	44	43.0
	20	5PM	47	47	46	47	46	46	46	46	45	45	44	44	45	46	48	49	48	48	48	48	47	47	46	46	47	47	45	46	47	47	47	46.5
FLEMINGSBURG 1 SW																																		
	4	MAX	46	46	46	41	40	41	42	40	38	38	41	43	46	49	50	50	47	45	45	43	41	41	42	41	40	40	44	46	43	49	48	43.6
		MIN	41	43	41	39	37	38	40	37	35	37	37	37	43	45	49	46	43	41	42	40	38	41	40	37	37	39	38	42	41	43	43	40.3
	20	6PM	42	42	42	42	41	41	41	41	40	40	39	40	41	42	44	44	44	43	43	43	42	42	42	42	41	41	41	41	42	43	44	41.8
GLASGOW WKAY																																		
	4	MAX	49	48	48	45	44	44	44	42	42	42	44	47	47	51	52	52	49	48	48	47	46	46	45	45	45	43	44	48	49	49	50	46.5
		MIN	45	47	45	43	40	44	42	41	38	42	40	43	47	47	51	49	44	43	47	43	41	44	43	40	43	42	40	44	47	44	45	43.7
	20	6PM	46	46	46	45	44	44	44	44	43	43	44	44	45	46	47	46	47	47	47	46	45	46	46	45	45	45	45	45	46	46	46	45.3
GREENVILLE 2 W																																		
	4	MAX	50	50	49	43	45	44	44	43	43	44	45	51	51	53	57	57	50	52	50	45	48	49	50	48	48	45	48	50	53	53	54	48.8
		MIN	43	48	43	39	39	43	40	39	38	43	38	44	48	50	53	50	43	44	45	42	41	46	43	-	45	42	41	47	48	45	47	43.9
	20	5PM	45	45	45	44	45	44	44	44	44	43	43	44	45	41	48	43	44	43	48	47	46	46	46	46	46	45	45	45	47	47	47	45.0
HENDERSON 7 SSW																																		
	4	MAX	47	47	46	43	42	44	44	42	42	43	44	47	49	50	51	51	49	48	47	46	46	46	46	46	45	45	45	47	49	49	50	46.3
		MIN	45	46	43	42	40	42	42	40	39	42	41	43	47	49	50	49	45	46	46	44	43	46	44	43	44	43	44	45	47	46	47	44.3
	20	6PM	45	45	45	44	43	44	44	44	43	43	43	43	45	46	48	48	48	47	47	46	46	46	46	46	45	45	45	45	46	46	47	45.3
IRVINGTON																																		
	4	MAX	49	50	49	43	46	44	45	45	42	42	45	50	51	52	53	55	53	48	48	45	46	46	47	46	47	45	48	50	51	52	52	47.9
		MIN	42	46	42	41	43	41	40	42	36	41	38	43	46	47	51	47	40	41	45	41	39	44	42	39	42	40	40	45	46	43	45	42.5
	20	4PM	42	43	43	42	41	41	41	41	40	40	40	40	42	42	44	45	44	43	44	43	42	42	42	42	42	42	42	42	43	43	44	42.2
MAYFIELD RADIO WNGO																																		
	4	MAX	50	51	-	-	48	49	45	52	52	45	49	54	-	55	56	55	53	51	-	57	56	50	48	47	47	49	-	52	52	54	54	51.2
		MIN	48	47	-	-	48	42	42	44	45	43	45	47	-	49	52	53	45	48	-	56	49	46	46	47	43	45	-	50	49	52	53	47.5
	20	5PM	49	46	-	-	49	47	43	41	42	43	45	46	-	53	52	52	50	47	-	55	47	48	47	48	46	42	-	47	49	49	49	47.4
PRINCETON 1 SE																																		
	4	MAX	48	48	47	42	40	44	44	41	42	42	45	50	51	52	54	54	50	49	49	46	47	48	48	47	47	43	47	49	52	52	53	47.5
		MIN	44	47	42	40	38	40	41	38	38	42	40	44	49	50	52	49	43	45	45	42	42	46	43	40	43	41	41	46	47	44	48	43.5
	20	5PM	46	46	46	46	44	44	44	44	43	43	43	44	46	47	48	49	48	48	48	47	46	46	46	46	46	45	45	45	46	47	47	45.8
QUICKSAND																																		
	4	MAX	49	49	49	42	40	43	43	40	40	41	45	45	48	53	53	54	51	49	48	45	45	45	44	44	44	43	48	50	50	50	52	46.5
		MIN	42	44	42	40	36	38	40	36	34	39	38	40	42	44	51	47	44	40	45	40	37	42	41	37	38	40	38	42	47	42	42	40.9
	20	4PM	44	45	45	44	42	42	42	41	41	40	40	41	43	44	47	47	47	46	45	45	43	44	44	43	43	43	42	43	45	45	46	43.6
SANDY HOOK 4 NW																																		
	4	MAX	50	50	50	42	40	44	44	41	41	40	47	47	52	55	55	56	48	48	47	47	46	45	45	42	43	42	48	50	51	51	52	47.1
		MIN	42	44	42	40	38	38	41	40	37	40	39	40	45	46	53	48	43	40	47	43	39	42	41	38	38	42	38	45	49	44	42	42.1
	20	6PM	43	44	42	44	42	42	42	42	42	40	41	42	42	44	45	46	46	45	45	43	43	43	43	43	42	42	42	43	44	45	45	43.1
SOMERSET 2 N																																		
	1	MAX	52	52	50	42	44	45	45	41	42	41	47	46	49	54	56	55	51	50	50	44	47	47	48	48	47	43	50	53	56	54	55	48.5
		MIN	43	45	41	40	35	41	41	39	35	34	38	41	44	46	53	47	45	41	44	40	38	42	40	38	40	40	38	45	48	43	43	41.5
	4	MAX	50	50	50	42	42	44	44	42	42	42	45	46	52	51	54	54	51	50	49	45	45	46	46	47	47	43	50	50	53	53	52	47.6
		MIN	44	46	41	41	37	42	42	40	36	35	39	41	45	45	51	47	45	42	45	41	39	43	41	39	41	41	39	44	47	44	44	42.2

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SOMERSET 2 N																																		
	20	6PM	47	48	48	47	46	46	45	45	44	43	45	45	46	47	49	49	49	49	49	48	47	47	47	47	47	46	46	47	48	48	49	46.9
WILLIAMSTOWN 3 NW																																		
	4	MAX	44	44	44	41	41	42	41	40	38	37	40	43	45	48	50	49	46	45	43	44	41	41	41	41	40	42	43	46	46	46	47	43.2
		MIN	41	44	41	40	39	40	40	38	37	37	37	40	43	45	47	45	43	42	43	41	39	41	41	39	39	39	40	43	45	43	44	41.2
	20	6PM	42	42	42	42	41	42	41	41	40	40	40	40	40	42	43	44	44	43	43	43	42	42	42	42	42	41	41	42	42	43	43	41.8

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD—BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN D1																																
ELKTON 2 S	SNOWFALL			T	.6				T												T						1.1	T				
	SN ON GND			T	T				T																		1					
FORDS FERRY DAM 50	SNOWFALL			1.3	T				.3																							
	SN ON GND			1	1	T			T																							
HENDERSON 7 SSW	SNOWFALL			2.0				T	.2								T			T						.5	T					
	SN ON GND			1	T																					T						
HOPKINSVILLE	SNOWFALL			.5	T				T																		T					
	SN ON GND				T																											
MURRAY	SNOWFALL			3.8			T																									
	SN ON GND			2	T																											
OWENSBORO 2 W	SNOWFALL			2.0				T																			T					
	SN ON GND			2	1	T																					T					
PADUCAH FAA AIRPORT	SNOWFALL		1.0	3.0			T	T												T					T	T	T					
	SN ON GND			3	2																					T						
PARADISE STEAM PLANT	SNOWFALL			T	T				T																		T					
	SN ON GND																															
* * * CENTRAL D2																																
BARDSTOWN	SNOWFALL			1.0				-																								
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWLING GREEN FAA AP	SNOWFALL		T	1.0	T		T	T	T											T	T					T	T					
	SN ON GND				T				T																							
CAMPBELLSVILLE 2 SSW	SNOWFALL			2.5																							T					
	SN ON GND			-																												
IRVINGTON	SNOWFALL			1.0	T			T																		T						
	SN ON GND																															
LOUISVILLE WSO	SNOWFALL		.2	3.5	T		T	T	T											.5	.1					.6	.3					
	SN ON GND			1	3	T			T												T						T					
	WTR EQUIV				-																											
MAMMOTH CAVE PARK	SNOWFALL			2.5	.5			.2	.2																		.2					
	SN ON GND			2	1			T																								
MILLERSTOWN	SNOWFALL			.4	2.0			T	1.5												.4			T			.2					
	SN ON GND			T	1	T	T	T	1	T											T						T					
SUMMER SHADE	SNOWFALL			3.0				T	1.0												T					T						
	SN ON GND			3																												
* * * BLUE GRASS D3																																
COVINGTON WSO	SNOWFALL		T	2.7	T		T	.6	.1		3.1						T	T		2.6	.5		T	T	T	T	.1					
	SN ON GND			1	3	T		T	1	T											3	T		T			T					
	WTR EQUIV			.2	-																-											
CYNTHIANA	SNOWFALL			T	4.2			T	.4		T	1.5							T		T	T		T			1.5					
	SN ON GND			T	3	T		T	T												T			T			1					
DANVILLE	SNOWFALL			2.0	4.0				.4																		1.7					
	SN ON GND			2	5	2			T																		1					
FARMERS 1 WNW	SNOWFALL			T	2.0				-															T			1.0					
	SN ON GND			T	2	T			-	T														T			1					
LEXINGTON WSO	SNOWFALL		T	2.6	.2		T	.4	.1		.1						T	T		.3	.1			T		.8	.7					
	SN ON GND			T	2	T		T	T	T	T										T						1					
	WTR EQUIV				-																											
MAYSVILLE SEWAGE PLANT	SNOWFALL			T	2.0			T	T			T						T			T			T			T					
	SN ON GND			T	2	T		T	T			T						T			T			T			T					
OWENTON	SNOWFALL				3.0				T									T			1.0			1.0			T					
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSTOWN 3 NW	SNOWFALL			2.0	.5			T			2.0									T	1.0		T	.5			.2					
	SN ON GND			2	T						1										T											
* * * EASTERN D4																																
CUMBERLAND	SNOWFALL			T	1.0		1.0	1.0	T		T																2.0					
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEWEY DAM	SNOWFALL			1.0	-				2.0		T							T			T			T			T	T				
	SN ON GND			1	5	4	T		2	T	T							T			T			T			T					
HEIDELBERG LOCK 14	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND				3	T			T																							
HYDEN	SNOWFALL				3.0				T											T	T											
	SN ON GND				3	1																										
LONDON FAA AP	SNOWFALL		T	1.0	1.2		T	T	1.0		T							T		T	T					T	T					
	SN ON GND				2			T	1												T						T					
MONTICELLO	SNOWFALL				2.0																											
	SN ON GND				2																											
SOMERSET 2 N	SNOWFALL			2.0	T			T												T	T											
	SN ON GND			2	2																											

See Reference Notes Following Station Index

STATION INDEX

KENTUCKY
MARCH 1971

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS. BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	8P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA H. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680					ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715					GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	778				C	HUBERT BURGHER
LONDON 1 SSW	4892	04	LAUREL	2	37 07	84 08	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	862		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	5P	8P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	8P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			BOB G. HACKWORTH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 36	378	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	800		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. MAGGAH
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	810		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	8P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	88 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	406		8A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005					KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. M. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A		C	CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. COMNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
	No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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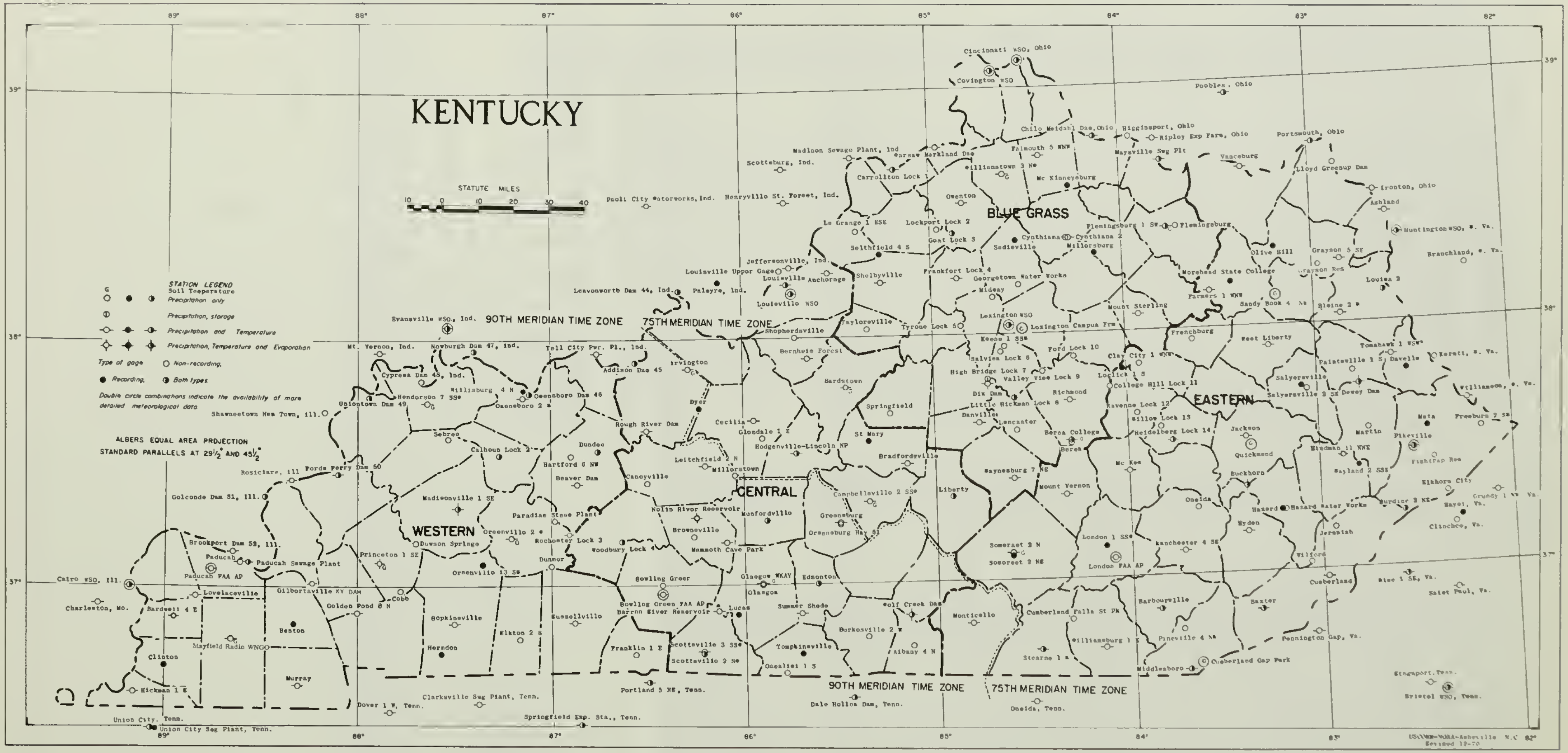
KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
G
Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording.
● Recording. ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
WESTERN
CENTRAL
BLUE GRASS
EASTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
Cincinnati WSO, Ohio
Covington WSO
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind
Warsaw Markland Dam
Scotteburg, Ind.
Falmouth 5 WNW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Carrollton Lock 1
Williamstown 3 NE
Mc Kinneysburg
Ironton, Ohio
Ashland
Huntington WSO, W. Va.
Branchland, W. Va.
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Owenton
La Grange 1 ESE
Lockport Lock 2
Goat Lock 3
Seithfield 4 S
Sadieville
Cynthiana
Cynthiana 2
Millersburg
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Grayson 3 SE
Grayson Res
Louisa 2
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Louisville WSO
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 4
Blaine 2
Leavenworth Dam 44, Ind.
Paleyre, Ind.
Evansville WSO, Ind.
Taylorsville
Tyrone Lock 5
Lexington WSO
Lexington Campus Frm
Mount Sterling
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Shepherdsville
Keene 1 SSW
Ford Lock 10
Clay City 1 WNW
Paintsville 1 S
Davella
Williamson, W. Va.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Irvington
Bernheim Forest
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Lockick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Cypress Dam 48, Ind.
Willisburg 4 N
Addison Dam 45
Bardstown
Dix Dam
Richmond
Henderson 7 SSW
Owensboro Dam 46
Owensboro 2 W
Uniontown Dam 49
Shawneetown New Town, Ill.
Dyer
Cecilia
Springfield
Little Hickman Lock 8
Danville
Lancaster
Ravenna Lock 12
Willow Lock 13
Heidelberg Lock 14
Jackson
Quicksand
Hindman 11 NNE
Martin
Meta
Pikeville
Freeburn 2 SW
Fishtrap Res
Sebree
Rough River Dam
Calhoun Lock 2
Dundee
Hartford 6 NW
Beaver Dam
Glendale 1 E
Hodgenville-Lincoln NP
St Mary
Bradfordsville
Berea College
Berea
Mc Kee
Wayland 2 SSE
Elkhorn City
Grundy 1 W, Va.
Haysi, Va.
Clinchco, Va.
Rosiclare, Ill
Fords Ferry Dam 50
Leitchfield 2 N
Millerstown
Caneyville
Golconde Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Campbellsville 2 SSW
Greensburg
Greensburg Hwy 61
Liberty
Waynesburg 7 NE
Mount Vernon
Oneida
Buckhorn
Hazard
Hazard Water Works
Burdine 3 NE
Hyden
Jeremiah
Brookport Dam 53, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Dawson Springs
Greenville 2 W
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Wilford
Cairo WSO, Ill.
Lovelaceville
Princeton 1 SE
Greenville 13 SW
Dunmor
Bowling Green
Glasgow WKAY
Glasgow
Edmonton
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Charleston, Mo.
Bardwell 4 E
Gilbertsville KY DAM
Golden Pond 8 N
Cobb
Benton
Hopkinsville
Elkton 2 S
Russellville
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Mayfield Radio WNGO
Clinton
Herndon
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SE
Tompkinsville
Burkesville 2 W
Albany 4 N
Williamsburg 1 E
Stearns 1 S
Pineville 4 NW
Pennington Gap, Va.
Hickman 1 E
Murray
Oneal 1 S
Middlesboro
Cumberland Gap Park
Kingsport, Tenn.
Bristol WSO, Tenn.
Union City, Tenn.
Union City Swg Plant, Tenn.
Dover 1 W, Tenn.
Clarksville Swg Plant, Tenn.
Springfield Exp. Sta., Tenn.
Portland 5 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
USCOMM-NOAA-Asheville N.C.
Revised 12-70

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
APRIL 1971
Volume 66 No. 4

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AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	71.7	42.3	57.0		88	20	24	2	253	0	0	6	0	2.10		.76	23	T	T	6	6	1	0
BEAVER DAM	72.0M	41.7M	56.9M		87	20	28	8	260	0	0	8	0	2.54		1.24	28				4	2	1
FORDS FERRY DAM 50	69.4	44.1	56.8		87	20	30	7	270	0	0	3	0	2.56	- 1.52	.82	6	6.0	2	6	6	2	0
GILBERTSVILLE KY DAM	73.9	45.8	59.9		91	19	32	7	194	2	0	1	0	1.74		.59	23		0		5	1	0
GOLDEN POND 8 N	70.8	45.9	58.4		87	21	31	7	228	0	0	2	0	D 2.08		.73	2	1.0	1	6	8	2	0
GREENVILLE 2 W																							
HENDERSON 7 SSW	69.7	44.1	56.9	- .3	88	20	28	7	267	0	0	3	0	2.13	- 2.36	.77	6	7.0	3	6	4	1	0
HICKMAN 1 E	72.6	44.2	58.4		87	20	30	2	220	0	0	4	0	2.58		.65	23	1.0	T	5	5	3	0
HOPKINSVILLE	71.9	42.5	57.2	- .6	90	21	30	7+	264	1	0	5	0	2.19	- 1.89	1.22	2	.5	1	6	5	1	1
LOVELACEVILLE	72.8	42.9	57.9	- .6	89	20	26	3	239	0	0	5	0	1.88	- 2.48	.76	23				4	1	0
MADISONVILLE 1 SE	M	M	M		88	20				0	0		0	1.78		.71	2		0		6	1	0
MAYFIELD RADIO WNGO	72.8	41.7	57.3		89	19	27	8+	241	0	0	7	0	2.56		.93	23		0		7	1	0
MURRAY	71.2	45.3	58.3	- .6	88	20	29	2	231	0	0	3	0	2.38	- 1.74	.94	1	T	0		4	2	0
OWENSBORO 2 W	70.9	43.4	57.2	.3	89	20	30	7	256	0	0	2	0	2.20	- 1.82	.60	2		2	6	5	2	0
PADUCAH FAA AIRPORT	70.3	44.0	57.2		88	20+	32	7+	262	0	0	4	0	1.56		.61	23	3.5	3	6	4	1	0
PADUCAH SEWAGE PLANT	71.3	43.2	57.3		90	21	30	8+	258	1	0	4	0	1.37	- 2.89	.44	23	.6	T	6	4	0	0
PRINCETON 1 SE	71.9	44.1	58.0	.0	87	20+	29	3	236	0	0	4	0	2.69	- 1.39	.74	6	3.0	1	6	6	2	0
ROCHESTER LOCK 3	70.2	41.1	55.7		87	21	31	11+	292	0	0	3	0	1.63		.92	2				5	1	0
RUSSELLVILLE	70.5	42.5	56.5	- 1.0	88	21	30	7	277	0	0	7	0	2.92	- 1.12	1.80	2	T	T	7	6	1	1
DIVISION			57.5	- .4										2.16	- 1.97			2.1					
* * * CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN	70.1	39.9	55.0		84	17	29	10	299	0	0	10	0	2.51		.69	28		0		5	3	0
BARREN RIVER RESERVOIR	71.1	40.0	55.6		88	21	29	8+	295	0	0	5	0	2.29		1.23	2	T	T	7	4	1	1
BERNHEIM FOREST	71.2	38.8	55.0		84	20	26	7	303	0	0	10	0	2.59		.76	28				6	2	0
BOWLING GREEN FAA AP	70.6	41.5	56.1	- 2.0	87	18	31	11+	279	0	0	5	0	2.72	- 1.34	1.66	1	T	0		4	2	1
BRADFORDSVILLE	70.1	37.4	53.8		84	21	26	3	338	0	0	11	0	3.08		1.06	2	.0	0		6	3	1
CAMPBELLSVILLE 2 SSW	71.2	41.5	56.4		83	20	31	7+	259	0	0	6	0	3.77		1.15	28		0				
CECILIA	69.9	40.5	55.2	- .4	86	13	29	3	297	0	0	9	0	2.81	- 1.41	1.05	28	.9	T	6	5	3	1
GLASGOW WKAY	70.9	41.7	56.3		86	20	29	8+	273	0	0	6	0	2.83		.88	2	T	0		7	3	0
GREENSBURG	71.0	39.1	55.1	- 1.5	87	21	30	8+	299	0	0	6	0	4.83	.96	2.10	28	T	0		6	4	2
HODGENVILLE-LINCOLN NP	71.8	41.4	56.6		84	21+	28	7	261	0	0	5	0	3.14		.96	28	T	T	7+	6	4	0
IRVINGTON	70.1	39.3	54.7	- 2.1	84	20	27	11	314	0	0	9	0	1.86	- 2.05	.46	6		0		5	0	0
JAMESTOWN 8 SSW														3.09		1.09	2	2.2			5	4	1
LEITCHFIELD 2 N	70.3	40.7	55.5	- 1.6	85	20	29	3	287	0	0	9	0	3.00	- 1.18	1.12	2	T	T	6	6	2	1
LOUISVILLE	70.9	45.5	58.2		84	13+	34	7+	220	0	0	0	0	2.22		.87	28	.0	0		6	1	0
LOUISVILLE WSO R	67.7	41.7	54.7	- .1	82	17+	33	7+	303	0	0	0	0	2.16	- 1.66	.85	27	.1	0		5	2	0
MAMMOTH CAVE PARK	71.8	41.7	56.8		85	20	25	2	254	0	0	5	0	3.35		1.20	2	.2	T	6	7	2	1
NOLIN RIVER RESERVOIR	70.2	37.4	53.8		88	21	26	3	338	0	0	8	0	3.41		1.30	28				6	2	2
ROUGH RIVER DAM	69.9	40.1	55.0		87	21	29	7	314	0	0	6	0	2.25		.85	2	T	T	7+	5	2	0
SCOTTSVILLE 3 SSW	72.0	45.2	58.6		87	20	30	7	222	0	0	2	0	2.51		.95	1	1.0	0		7	1	0
SUMMER SHADE	70.2	41.8	56.0		86	20	28	7	279	0	0	4	0	2.84		.65	1	1.0	0		7	4	0
DIVISION			55.7	- 1.0										2.86	- 1.17			.4					
* * * BLUE GRASS 03																							
BEREA COLLEGE	72.0	43.7	57.9	.9	87	20	29	7	222	0	0	2	0	2.46	- 1.62	1.15	28	.0	0		3	2	1
CARROLLTON LOCK 1	68.8	38.7	53.8		82	18+	28	2	333	0	0	8	0	3.39	- .19	1.82	22	.0	0		5	2	1
COVINGTON WSO R	66.6	39.5	53.1	.9	82	12	30	10+	351	0	0	4	0	1.04	- 2.18	.56	1	T	0		3	1	0
CYNTHIANA 2	67.2	34.3	50.8		82	21	25	11+	421	0	0	12	0	2.69		.90	28				5	2	0
DANVILLE	68.3	39.3	53.8		82	21+	28	8+	336	0	0	4	0	2.11	- 1.87	1.07	28				4	1	1
DIX DAM	70.3	40.4	55.4		82	21+	28	7	293	0	0	3	0	2.30		.85	28	.0	0		4	2	0
FALMOUTH 5 WNW	67.2	33.3	50.3		81	20+	22	10	435	0	0	13	0	1.41	- 2.53	.46	28	T	0		5	0	0
FARMERS 1 WNW	68.7	35.8	52.3	- 3.1	82	19+	24	7	375	0	0	11	0	2.71	- 1.16	1.14	22		0		5	2	1
FLEMINGSBURG 1 SW	67.2	38.4	52.8		80	13+	27	7	362	0	0	10	0	1.73		.62	28	.0	0		4	1	0
FRANKFORT LOCK 4	69.3	36.3	52.8	- 2.0	84	21	30	11+	358	0	0	8	0	2.27	- 1.75	.90	28	.0	0		5	2	0
LEXINGTON WSO R	65.2	38.8	52.0	- 2.4	80	13	28	7	382	0	0	3	0	2.10	- 1.94	.82	1	.0	0		5	2	0
MAYSVILLE SEWAGE PLANT	67.5	35.4	51.5	- 2.5	81	21+	27	11+	402	0	0	9	0	1.51	- 2.27	.50	28	.0	0		3	1	0
MOUNT STERLING	69.9	40.5	55.2		82	20+	27	7	294	0	0	4	0	2.77	- 1.37	.96	28	.0	0		5	2	0
OWENTON	65.5	39.4	52.5		80	21	30	7+	374	0	0	4	0	3.80		1.36	22				5	4	1
RICHMOND	68.8	40.3	54.6		83	18	28	7	312	0	0	4	0	2.50		1.15	28				5	2	1
SHELBYVILLE	66.4	38.2	52.3	- 2.7	81	18	28	7	373	0	0	5	0	1.85	- 2.34	.88	2	.0	0		4	2	0
WARSAW MARKLAND DAM	66.5	33.2	49.9	- 4.1	82	13	24	8+	447	0	0	15	0	1.80	- 2.08	.56	2	.0	0		5	1	0
WAYNESBURG 7 NE	68.3	42.4	55.4		80	20	29	7	295	0	0	3	0	3.72		1.65	28	.0	0		6	3	1
WILLIAMSTOWN 3 NW	66.7	40.2	53.5	- 1.3	80	20+	26	7	345	0	0	5	0	2.32	- 1.68	.64	21	.0	0		6	1	0
DIVISION			53.2	- 2.3										2.34	- 1.56			T					
* * * EASTERN 04																							
ASHLAND	68.1	32.8	50.5	- 5.8	85	14	26	11	429	0	0	15	0	1.24	- 2.15	.49	28				5	0	0
BARBOURVILLE	71.5	35.8	53.7		85	21+	26	3	335	0	0	10	0	4.61		1.88	28	.0	0		5	3	2
BAXTER	71.2	35.1	53.2		87	21	26	4+	349	0	0	12	0	3.38		1.52	28	1.4	1	7	4	2	2
BLAINE	69.0	30.4	49.7		85	14	20	1	452	0	0	18	0			.53	28	.0	0			2	0
CUMBERLAND	72.9	31.7	52.3		84	20	18	3	373	0	0	17	0	4.57		1.23	28	.0	0		8	3	3

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 45

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY DAM																							
GRAYSON 5 SE	68.7M	30.8M	49.8M		84	14	22	1	451	0	0		0	1.51		.55	28				5	1	0
HEIDELBERG LOCK 14	73.6	35.8	54.7		84	20+	23	3	304	0	0	11	0	2.00	- 1.67	.72	7	.0	0		4	2	0
HINOMAN 11 NNE	72.7	34.7	53.7		87	13	24	11	332	0	0	10	0	3.07		.90	28+	.0	0		8	2	0
HYOEN	69.8	33.7	51.8		84	21+	25	3	389	0	0	14	0	4.20		2.14	28	.0	0		4	2	2
JACKSON	72.4	35.2	53.8		89	21	27	1	329	0	0	11	0	2.78		.97	22	.0	0		4	3	0
LONDON FAA AP	68.9	39.5	54.2		84	20	29	11	319	0	0	5	0	3.89		1.34	6	T	0		8	4	1
MANCHESTER 4 SE	72.4	35.7	54.1		84	20	23	3	324	0	0	10	0	3.41		1.33	28	.0	0		4	3	2
MC KEE	68.5	33.0	50.8		83	21+	22	3	418	0	0	15	0	2.65		.99	28	.0	0		6	2	0
MIOOLESBORO	70.6	35.0	52.8		84	21+	21	1	362	0	0	11	0	3.42		1.33	7	.0	0		5	2	2
MONTICELLO	72.3	39.7	56.0		86	20	28	3	275	0	0	5	0	2.74		1.06	7	.5	1	7	6	2	1
MOUNT VERNON	70.8	40.6	55.7		83	19	29	7	281	0	0	3	0	3.56		1.27	28		0		8	3	1
PIKEVILLE	74.9	38.7	56.8		88	19+	28	3	246	0	0	5	0	2.98	- .67	.90	28	.0	0		6	3	0
SOMERSET 2 N	70.7	38.9	54.8		83	20+	28	8+	300	0	0	5	0	5.19		2.52	28	T	0		7	3	2
STEARNS 1 W	69.1M	38.7M	53.9M		84	21+	29	11	335	0	0	7	0	3.38		1.60	7	2.0	2	7	6	1	1
TOMAHAWK 1 WSW	69.9	31.3	50.6		86	14	22	3+	425	0	0	17	0	2.91		1.10	28				5	3	1
VANCEBURG	70.2	32.6	51.4		84	13	23	3	400	0	0	14	0	1.65	- 2.04	.68	28	.0	0		5	1	0
WEST LIBERTY	68.7	33.7M	51.2M		84	21+			409	0	0	16	0	2.01		.95	22	T	0		4	1	0
WILLIAMSBURG 1 E	74.9	39.7	57.3	- .2	86	20+	30	11	241	0	0	4	0	4.62	.68	2.04	7	.0	0		6	3	2
OIVISION			53.2	- 3.5										3.17	- .58			.2					

EXTREMES

HIGHEST TEMPERATURE GILBERTSVILLE KY OAM	91	OATE	19
LOWEST TEMPERATURE CUMBERLANO	18	OATE	03
GREATEST TOTAL PRECIPITATION SOMERSET 2 N	5.19		
LEAST TOTAL PRECIPITATION COVINGTON WSO R	1.04		
GREATEST 1 OAY PRECIPITATION SOMERSET 2 N	2.52	OATE	28
GREATEST TOTAL SNOWFALL HENDERSON 7 SSW	7.0		
GREATEST OEPTH OF SNOW 2 STATIONS	3	OATE	06

See Reference Notes Following Station Index

KENTUCKY - APRIL 1971

SPECIAL WEATHER SUMMARY

The dry and cool weather of March continued into April. It was a sunny month, marked by: record-breaking snowfall in the west on the 6th; 7 tornadoes with 9 deaths, many injuries, and heavy property damage on the 27th; hundreds of forest fires, including some set by lightning on the 27th; hail at a number of locations on the 27th, a man being injured by golfball-size hail in Boyle County.

Over the greater part of Kentucky the number of rainy days (0.01 inch or more of precipitation) was less than half the long-period averages. Monthly rainfall totals were well below normal generally except in parts of the southeast where heavy downpours on the 27th brought totals to near or above normal. In the northern Blue Grass the 1.04 inch at Covington was the least April rainfall for its 25 years of record. Sunshine was plentiful, some sections having as few as 5 cloudy days, and some locations having from 75 to 82 percent of possible sunshine. Record snowfall on the 6th totaled 7 inches at Henderson. Six inches fell on the 5th-6th at Fords Ferry. The snow melted quickly.

There were numerous thunderstorms in Kentucky on the 27th, and available evidence * indicates that there were at least 7 tornadoes on that date during the period of time from about 5:45 to 10:00 p. m. C.S.T.; see a following map for approximate paths and times of initial touchdowns. An aerial survey of damage paths indicated the possibility of twin funnels in at least one area, near Russell Springs, Russell County. In general the tornadoes moved from west-northwest to east-southeast, but a witness in the southeastern portion of Ohio County noted that a funnel approaching his home swerved abruptly to spare the home from total destruction. Witnesses stated that the size of the funnel clouds varied from a few feet in diameter to 40-50 feet and larger, and some damage paths indicated funnel width to be at least one-half mile.

The tornadoes were responsible for 9 fatalities, and about 150 injuries including 34 persons hospitalized for serious injuries. Firm dollar damage figures were not available, but a news report indicated a preliminary estimate by the Small Business Administration of $7,850,000. Preliminary property damage estimates included: 153 homes destroyed or heavily damaged; 82 homes with lesser damage; 314 barns destroyed; 207 other farm buildings destroyed or heavily damaged; 12 mobile homes destroyed or heavily damaged; 4 churches destroyed. Additionally numerous utility lines and trees were downed. The fatalities (9) were in the counties of Adair (6), Russell (2), and Butler (1). Practically all of the injuries (as was most of the damage) were in these same counties, an exception being Pulaski County with 2 injuries.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication could be completed. For further details for these and other events see the accompanying tables; this months issue of STORM DATA.

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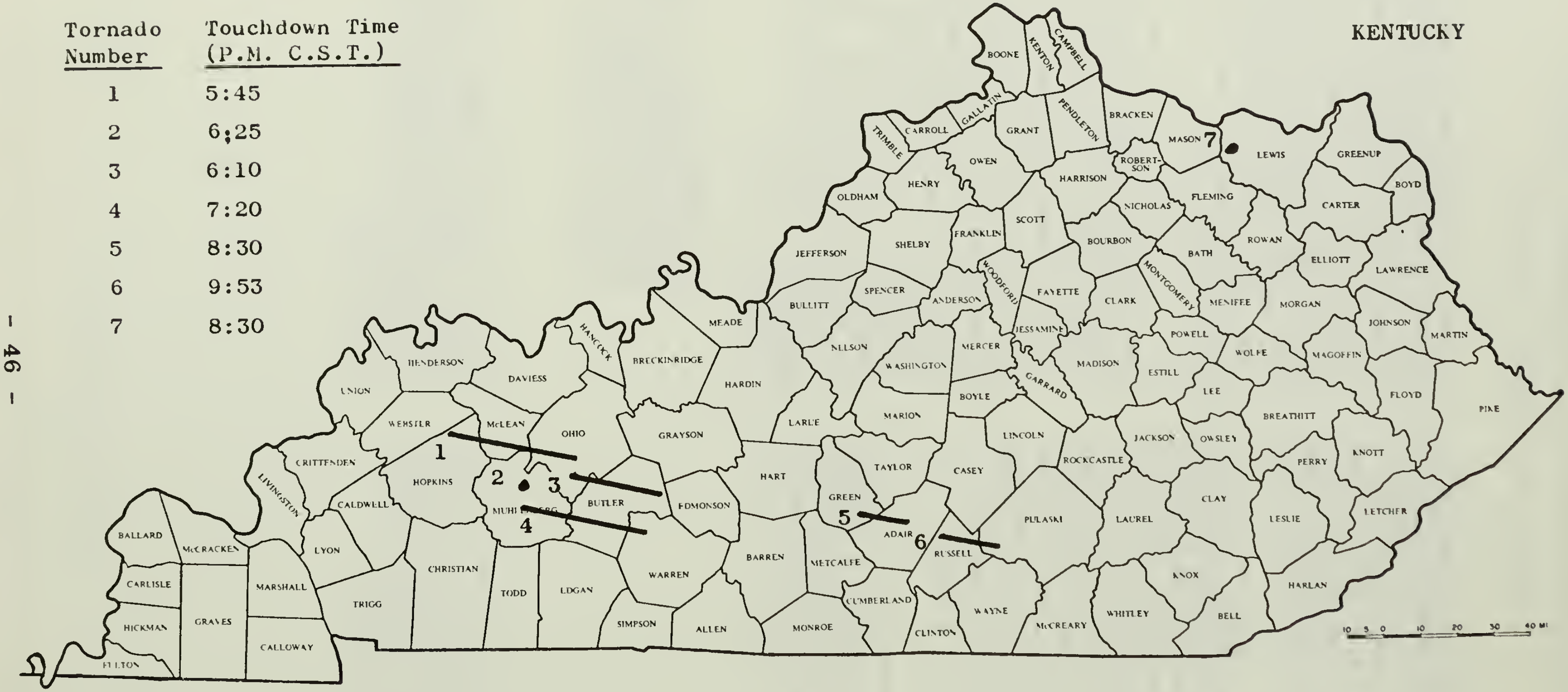
* The tornado summaries prepared for this publication and this months issue of STORM DATA were completed before a study of the following items could be undertaken: several hundred aerial photographs; additional touch-down times (if obtained); radar film.

Tornado Number	Touchdown Time (P.M. C.S.T.)
1	5:45
2	6:25
3	6:10
4	7:20
5	8:30
6	9:53
7	8:30



Tornadoes of April 27, 1971. Approximate paths and times of initial touchdowns.

(See this months issue of the NOAA publication STORM DATA for additional details.)

DAILY PRECIPITATION

KENTUCKY
APRIL 1971

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	2.10	.38				.01	.16	.08						.21	.33						T	.11		.76				.04			.02	
BEAVER DAM	2.54	.59	.42				.21								.08							T						T	1.24			
CALHOUN LOCK 2	2.27		.60				.16	.20							.23							T		T	.10		T	.01	.97			
COBB	2.91		1.02				.42	.37							.22									.36	T				.52			
DAWSON SPRINGS	2.14		.79				.42	.07							.26									.28					.32			
DUNDEE	2.78		1.16					.44							.16									.16	.15				.71			
DUNMOR	2.44		1.15				.28	.11							.19									.13	T				.58			
ELKTON 2 S	2.28		1.30				.15	.17							.14							.02		.40	.05				.05			
FORDS FERRY DAM 50	2.56	T	.38				.82	.13							.30									.02	.11		T		.80			
FRANKLIN 1 E	2.99		1.40				.24	.48							.12							T		.30					.45			
GILBERTSVILLE KY DAM	1.74	.35	.20				.36	.04						T	.18							T		.59					.02			
GOLDEN POND 8 N	D 2.08	.12	.73				D .10	.20							.22									.50	.10				.11			
GREENVILLE 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTFORD 6 NW	3.28	T	.73				.14	.22							.24							.12		.06	.08				1.69			
HENDERSON 7 SSW	2.13	.42	.05			T	.77	.01						.30	.05							T		.06			T	T	.47			
HICKMAN 1 E	2.58	.37	T			T	.06							T	.22							.58		.65					.63		.07	
HOPKINSVILLE	2.19		1.22				.26	.11							.18							T		.31	.06				.05			
LOVELACEVILLE	1.88	.46					.22							.30								.06		.76				.08				
MADISONVILLE 1 SE	1.78		.71				.41	.14							.21									.14	.04				.13			
MAYFIELD RADIO WNGO	2.56	.49	.13				.23	.04							.22							.31		.93					.15		.06	
MURRAY	2.38	.94					.08	T						.11	.06							.09		.59				.02	.40		.09	
OWENSBORO 2 W	2.20		.60				.25	.58							.32									T					.45			
OWENSBORO DAM 46	2.87		.70				.12	.71							.82														.52			
PADUCAH FAA AIRPORT	1.56	.43				.25	.04							.22							.01			.61				T				
PADUCAH SEWAGE PLANT	1.37	T	.37				.17	.06							.27							T		.44	.06		T		T			
PARADISE STEAM PLANT R	1.83		.93				.19	.13							.14									T	.13		T		.31			
PRINCETON 1 SE	2.69	.65	.27				.74	.06						.02	.20							T		.33					.42			
ROCHESTER LOCK 3	1.63		.92				.20	.14							.12									.07	.08				.10			
RUSSELLVILLE	2.92		1.80				.15	.20							.17									.23	T		T		.37			
SEBREE	3.46	.30					*	1.80							.31									.10					.95			
UNIONTOWN DAM 49 //	2.61	T	.42				.30	.12							.26							.28		.05	T		T	.01	1.17			
• • • CENTRAL 02																																
ADDISON DAM 45 //	2.29		.92				.04	.65							.16								.10						.42			
ALBANY 4 N	2.74		1.18				.23	.59							.13										.29				.32			
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARDSTOWN	2.51	.60	.41				.55	.02						.06	.17								.01						.69			
BARREN RIVER RESERVOIR	2.29		1.23				.08	.35							.15									.06	.06				.36			
BERNHEIM FOREST	2.59	.33	.51				.48	.02						.23	.16								.07					.03	.76			
BOWLING GREEN	2.85		1.52				.07	.27							.03							T		.07	.04				.85			
BOWLING GREEN FAA AP	2.72	1.66				T	.32							.03							T	T		.18			T	.53				
BRADFORDSVILLE	3.08		1.06					.58							.25									.17	.20				.82			
BROWNSVILLE	3.70		1.15				.05	.25							.12									.01	.12		T		2.00			
BURKESVILLE 2 W	2.41		1.02				.32	.42							.18									.13	.02				.32			
CAMPBELLSVILLE 2 SSW	3.77	.32	.89				*	1.14																.27				T	1.15			
CANEYVILLE	-		-				.08	.31							.19									.12	.08				1.61			
CECILIA	2.81	.80	.18				.62	.02						.03	.11														1.05			
EDMONTON	2.52		1.14				.15	.35							.15									.10	.08				.55			
GAMALIEL 1 S	2.71		1.14				.14	.34							.14						.02	.17	T	.30	.03				.43			
GLASGOW	2.42		1.34				.20	.27							.15							T		.06					.40			
GLASGOW WKAY	2.83	.68	.88				.24	.21							.14							T		.17			T	.01	.50			
GLENDALE 1 E	3.04		1.15				.12								.17										.10				1.50			
GREENSBURG	4.83		1.15				.51	.70							.13							T	T	T	.24				2.10			
GREENSBURG HIWAY 61	4.52		1.12				.48	.69							.14									T	.21				1.88			
HODGENVILLE-LINCOLN NP	3.14	.55	.69				.57	.10							.07									.20			T	T	.96			
IRVINGTON	1.86	.41	.36				.46	.13						T									.07						.43			
JAMESTOWN 8 SSW	3.09		1.09				.70	.60							.20														.50			
LEITCHFIELD 2 N	3.00		1.12				.20	.49							.14							.02		T	.13				.90			
LIBERTY	3.72		.97				.06	.88							.09										.27				1.45			
LOUISVILLE	2.22	.28	.32				.38								.17									.20				T	.87			
LOUISVILLE WSO R	2.16	.66					.32							.15								.18					T	.85				
LOUISVILLE UPPER GAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAMMOTH CAVE PARK	3.35	.42	1.20				.24	.18							.12									.16			T	.04	.99			
MILLERSTOWN	4.43		1.27				.58	.36							.12							T	T	.13	.05				1.92			
MUNFORDVILLE	4.86		1.39				.45	.37							.09							.01	T		.24				2.31			
NOLIN RIVER RESERVOIR	3.41		1.27				.10	.37							.14							T		.05	.18			T	1.30			
ROUGH RIVER DAM	2.25	T	.85				.23	.52							.18									.05	.05				.37			
SCOTTSVILLE 3 SSW	2.51	.95	.29				.17	.24							.11									.34					.41			
SCOTTSVILLE 2 SW	2.16		1.15				.05	.30							.15									.25	T				.26			
SHEPHERDSVILLE	2.09		.85					.52							.21							T		.18	T				.33			
SUMMER SHADE	2.84	.65	.55				.28	.50							.16									.16			T		.54			
WOODBURY LOCK 4	2.69		1.29				.12	.21							.12									.08	.10				.77			
• • • BLUE GRASS 03																																
BEREA COLLEGE	2.46	.05					.91								.25								.05	.05					1.15			
BEREA	2.94		.55					.59							.27								.10		.05				1.38			
CARROLLTON LOCK 1	3.39		.47				.03	.26							.21								1.82						.60			
COVINGTON WSO R	1.04	.56	T				.14							.28								T						.06				
CYNTHIANA	2.81		.36					.14							.43								.82						1.06			
CYNTHIANA 2	2.69		.35					.19							.40								.85						.90			
DANVILLE	2.11		.48					.46							.10														1.07			
DIX DAM	2.30		.75					.47							.15								.08						.85			
FALMOUTH 5 WNW	1.41		.42			T	T	.16							.26							T	.11						.46			
FARMERS 1 WNW	2.71		.30					.38							.25								1.14						.64			
FLEMINGSBURG	1.73		.49					.10							.33								.21						.60			
FLEMINGSBURG 1 SW	1.73	.03	.47				.09	.02						.13	.16							.09	.09					.03	.62			
FORD LOCK 10	2.78		.44					.36							.22							T	.32						1.44			
FRANKFORT LOCK 4	2.27		.55					.35							.25							.02	.20						.90			
GEORGETOWN WATER WORKS	-		-					.33							.33								.45						1.27			
GEST LOCK 3	-		.70					.52							.14							T	.28						-			
HIGH BRIDGE LOCK 7	2.05		.70					.38							.20							T	.10						.67			
KEENE 1 SSW	-		-					.31							-								.23						1.04			
LA GRANGE 1 ESE	2.98	.55	.32			T	.52	T						T	.18							.07	.09					.40	.85			
LANCASTER	2.36		.59					.60							.15														1.02			
LEXINGTON WSO R	2.10	.82					.31							.29								.13					T	.55				
LITTLE HICKMAN LOCK 8	2.19		.48					.42							.13														1.16			
LOCKPORT LOCK 2	2.78		.87					.48							.25							T	.38						.80			
MAYSVILLE SEWAGE PLANT	1.51		.48				T	.05			T				.40								.08						.50			
MIDWAY	-		.70					.35							-								.17						.82			
MOUNT STERLING	2.77	.45					.34							.17								.85							.96			
OWENTON	3.80		.71					.52							.21	T							1.36	.03					.97			
RICHMOND	2.50		.48					.53							.22							.02	.10						1.15			
SALVISA LOCK 6	2.40		.77					.33							.22							.03	.13						.92			
SHELBYVILLE	1.85		.88					.19							.15							T	.08						.55			
SPRINGFIELD	2.60		.92					.56							.05														1.07			
TAYLORSVILLE	2.23		.70					.28							.25								.14					T	.86			
TYRONE LOCK 5	2.38		.58	T				.22							.48							T	.12					T	.98			
VALLEY VIEW LOCK 9	2.51		.56				T	.43	.01						.22							.02	.14		T			T	1.13			
WARSAW MARKLAND DAM	1.80		.56				.03	.15							.30								.29						.47			

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.72		.68				T	.79							.15								.23		.22				1.65			
WILLIAMSTOWN 3 NW	2.32	.40	.23				.35			T				T	.18			T				.64	.04					T	.48			
• • •																																
EASTERN 04																																
ALLEN	3.52	T						.84			T				.20								1.20						1.28			
ASHLAND	1.24		.16					.23							.19								.17						.49			
BARBOURVILLE	4.61		.74				.14	1.62							.06							T	.02		.15				1.88			
BAXTER	3.38		.39	T			.04	1.16							.04								T		.23				1.52			
BLAINE	-		-					.40							.11								.51						.53			
BUCKHORN	2.89		.50				T	.85							.15								.07		.20				1.12			
BURDINE 2 NE	3.93		.20					1.30							.20								1.08		.25				.90			
CLAY CITY 1 WNW	2.56		.35					.55							.17							T	.26						1.23			
COLLEGE HILL LOCK 11	2.08		.29					.48							.13							T	.06					T	1.12			
CUMBERLAND	4.57		.35	T			.45	1.00	T						.20	T				1.00		T	.14	.20	T				1.23			
CUMBERLAND FALLS ST RK	3.87	.23	.32				*	1.97							.10								.05	.20					1.00			
DEWEY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELKHORN CITY	4.45		.30					1.45							.18								1.11		.19				1.22			
FISHTRAP RESERVOIR	3.34		.15	T				1.21			.02				.12								.74		.10				1.00	T		
FREEBURN 2 SW	3.06		.18	T				1.00							.16								.71		.02				.99			
FRENCHBURG	3.53		.54					.50			.52				.30								1.02						.65			
GRAYSON 5 SE	1.51		.11					.31							.25								.29						.55			
GRAYSON RESERVOIR	1.74		.15					.25							.26								.50						.58			
HAZARD WATER WORKS	3.50		.22					1.10							.22								.23		.28				1.45			
HEIDELBERG LOCK 14	2.00		.35					.72							.09							T	.17		T				.67			
HINDMAN 11 NNE	3.07		.22				.24	.40							.19							.12	.90	.10					.90			
HYDEN	4.20		.38				.01	1.23							.08								.08		.28				2.14			
JACKSON	2.78		.41					.77															.97					T	.63			
JEREMIAH	4.06		.32				.50	.96							.20							.08	.24	.26					1.50			
LLOYD GREENUP DAM	1.63		.24					.10							.68								.01						.60			
LONDON FAA AP	3.89	.52	.10				1.34	.11		T				.11								T		.13			T	.74	.84			
LOUISA 2	1.91		.20					.27		T					.15								.48		T				.81			
MANCHESTER 4 SE	3.41		.58					1.19							.08										.23				1.33			
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MC KEE	2.65		.48					.75							.12								.10		.21				.99			
META	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MIDDLESBORO	3.42		.42				.17	1.33							.03										.39				1.08			
MONTICELLO	2.74		.85				.31	1.06							.12										.10				.30			
MOUNT VERNON	3.56	T	.70				.56	.24							.18								.13	.27				.21	1.27			
ONEIDA	4.24		.48					1.15							•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.61			
PAINTSVILLE 1 S	-		.20					.40							-								.48						.80	T		
PIKEVILLE	2.98		.02				.46	.65							.16							.64	.02	.03				.10	.90			
PINEVILLE 4 NW	4.97		.63				.14	1.79							.11								.08		.23				1.99			
RAVENNA LOCK 12	2.09		.32					.53							.23							.02	.22		T				.77			
SALYERSVILLE 2 SE	2.99		.34					.58							.12								1.11						.84			
SOMERSET 2 N	5.19	.04	.75				1.12	.20							.14									.20				.22	2.52			
STEARNS 1 W	3.38		.49				.43	1.60							.08								.10		.30				.38			
TILFORD	-		-				.30	-							.13							T	.10	-					-			
TOMAHAWK 1 WSW	2.91		.32					.57							.26								.66						1.10	T		
VANCEBURG	1.65	.10	.38				.05	T						.04	.30							.10							.68			
WEST LIBERTY	2.01		.31					.47							.09								.95						.19			
WILLIAMSBURG 1 E	4.62		.61				.21	2.04							.11										.30				1.35			
WILLOW LOCK 13	1.68		.03					.67							.10							T	.15						.73			

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time EASTERN 01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	30	2.1	10.7	29++	25	09	63	71	42	45	2	1	2	1	0	0	6	-	5.3
LEXINGTON WSO	26	1.4	9.8	29++	21	01	64	68	43	50	1	0	3	2	0	0	6	-	4.7
LOUISVILLE WSO	31	1.8	8.9	29	W	09	61	66	44	45	1	0	3	2	0	0	6	73	4.9

DAILY TEMPERATURES

KENTUCKY
APRIL 1971

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	67	55	68	61	51	36	61	73	74	75	79	81	76	66	73	78	84	79	87	88	77	74	66	72	78	80	79	74	73	67		71.7
	MIN	42	24	28	36	28	32	30	30	49	36	40	48	46	34	35	41	47	54	51	53	61	44	48	37	42	52	59	45	48	49		42.3
BEAVER DAM	MAX	70	56	63	66	60	53	57	72	74	68	79	81	80	63	68	77	83	85	85	87	82					76	77	75	70	65		72.0
	MIN	52	30	31	37	38	32	30	28	51	37	30	45	52	32	32	35	45	52	53	50	60					47	53	48	41	43		41.7
FORDS FERRY DAM 50	MAX	62	55	62	57	48	36	57	73	72	69	80	82	77	63	72	78	83	84	82	87	79	68	59	68	78	77	81	71	60	63		69.4
	MIN	38	31	34	42	33	32	30	35	50	39	39	49	41	39	37	44	52	56	58	56	57	45	46	45	43	55	58	49	45	45		44.1
GILBERTSVILLE KY DAM	MAX	70	59	69	63	55	50	61	72	74	73	79	81	79	65	75	80	86	81	91	90	86	75	72	73	78	82	82	75	75	67		73.9
	MIN	42	33	33	34	40	33	32	34	54	44	46	54	49	39	38	48	57	55	56	55	61	45	49	42	44	54	60	49	46	48		45.8
GOLDEN POND 8 N	MAX	71	59	56	68	63	48	38	60	75	75	72	82	81	78	67	70	78	84	82	85	87	77	70	54	72	78	78	79	77	61		70.8
	MIN	53	33	35	41	40	32	31	36	46	45	42	49	63	39	38	44	51	55	58	57	60	42	49	39	45	54	58	49	47	47		45.9
GREENVILLE 2 W	MAX																																
	MIN																																
HENDERSON 7 SSW	MAX	68	52	62	58	50	45	56	72	71	67	78	81	75	63	70	78	84	83	83	88	78	71	60	68	76	77	80	71	63	64		69.7
	MIN	41	32	33	38	39	32	28	38	53	38	42	54	43	36	36	45	56	57	56	53	61	43	48	43	40	53	54	48	39	44		44.1
HICKMAN 1 E	MAX	68	60	68	64	56	36	65	74	76	72	80	81	75	68	74	80	84	86	86	87	74	73	68	74	79	81	79	74	70	66		72.6
	MIN	44	30	34	37	32	32	31	36	58	38	42	54	47	35	36	45	51	51	54	54	54	45	48	40	44	52	58	47	49	49		44.2
HOPKINSVILLE	MAX	75	58	55	68	70	51	37	60	74	74	68	79	84	80	67	73	79	85	84	88	90	79	73	54	73	79	83	77	75	65		71.9
	MIN	37	30	30	33	40	31	30	31	35	40	40	43	53	33	34	40	48	54	58	59	60	51	48	40	42	43	54	49	45	45		42.5
LOVELACEVILLE	MAX	67	57	70	70	52	39	61	74	75	71	82	82	79	67	75	80	87	80	87	89	78	72	65	72	80	83	80	75	68	68		72.8
	MIN	41	28	26	40	35	31	30	28	52	38	41	50	45	34	34	42	48	55	55	55	62	43	49	36	40	50	58	43	49	48		42.9
MADISONVILLE 1 SE	MAX											79	81	80	64	71	79	84	85	86	88	85	77	65	67	77	78	78	74	70	65		
	MIN											34	50	47	33	33	44	44	54	51	52	52	46	45	43	39	52	53	51	43	42		
MAYFIELD RADIO WNGO	MAX	69	56	67	66	56	41	62	73	75	74	81	80	78	67	72	82	85	81	89	85	78	72	69	75	79	82	81	74	68	68		72.8
	MIN	44	29	27	35	39	32	29	27	53	34	41	53	48	32	32	38	43	46	51	51	61	45	48	42	43	50	50	43	42	43		41.7
MURRAY	MAX	60	54	67	67	54	38	61	73	74	69	80	81	76	66	72	79	84	80	87	88	76	72	64	72	78	82	77	73	65	66		71.2
	MIN	43	29	33	39	38	32	31	36	51	44	41	55	45	34	38	45	53	56	57	57	60	48	48	43	45	55	56	49	49	48		45.3
OWENSBORO 2 W	MAX	66	53	61	63	54	46	55	71	71	70	79	81	77	62	70	80	84	86	87	89	80	74	65	66	77	79	79	73	63	67		70.9
	MIN	44	32	33	40	40	33	30	34	48	38	36	50	45	36	36	42	50	52	57	54	61	44	50	40	38	50	54	50	40	44		43.4
PADUCAH FAA AIRPORT	MAX	61	57	69	61	53	36	61	72	74	69	79	80	75	64	71	77	84	78	88	88	77	70	58	71	76	78	79	74	62	67		70.3
	MIN	37	32	32	39	33	32	32	35	50	41	42	58	40	34	36	45	51	55	58	56	57	44	43	42	42	56	59	47	48	43		44.0
PADUCAH SEWAGE PLANT	MAX	73	57	57	67	61	51	37	61	74	74	70	81	82	79	66	75	80	85	80	85	90	79	71	56	71	77	80	81	74	64		71.3
	MIN	47	33	30	31	40	33	32	30	35	38	39	42	62	35	35	43	49	55	56	54	61	45	47	41	42	45	54	48	48	47		43.2
PRINCETON 1 SE	MAX	70	53	65	65	55	47	57	72	72	69	79	80	78	65	71	78	83	82	87	87	85	75	69	70	75	79	79	75	72	63		71.9
	MIN	40	31	29	40	39	32	30	34	55	39	40	55	48	36	35	41	52	55	56	54	61	46	48	41	40	52	57	49	44	44		44.1
ROCHESTER LOCK 3	MAX	71	58	53	65	66	57	38	57	71	73	67	78	82	78	64	69	78	84	84	86	87	79	70	55	67	77	78	78	73	62		70.2
	MIN	42	31	33	36	38	34	31	33	34	36	31	41	55	33	33	34	41	52	52	52	55	48	49	41	38	41	51	50	44	43		41.1
RUSSELLVILLE	MAX	70	57	55	68	71	61	38	59	71	74	67	78	81	79	65	70	77	82	83	86	88	77	70	54	70	75	79	75	73	63		70.5
	MIN	45	31	35	35	38	32	30	31	46	37	31	52	61	31	32	37	49	52	56	55	61	48	48	40	37	39	54	52	41	40		42.5
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN	MAX	68	54	62	63	60	55	59	71	76	68	78	81	80	59	67	74	84	79	83	82	79	76	62	68	74	74	71	70	65	62		70.1
	MIN	54	31	30	35	35	32	30	32	54	29	30	45	55	32	32	34	44	51	45	44	56	42	41	38	32	46	49	47	37	35		39.9
BARREN RIVER RESERVOIR	MAX	71	58	54	62	72	63	39	59	72	76	66	79	82	81	65	75	77	84	85	85	88	76	69	54	71	77	78	79	73	63		71.1
	MIN	37	30	33	33	37	35	29	29	35	40	30	34	49	32	34	35	40	52	54	54	53	50	50	40	37	38	46	50	42	42		40.0
BERNHEIM FOREST	MAX	68	55	62	63	61	54	61	71	75	69	78	81	81	63	70	77	82	82	79	84	83	77	66	67	75	75	74	70	70	64		71.2
	MIN	52	27	27	32	36	34	26	31	51	29	28	42	58	32	30	33	43	51	45	43	55	40	41	37	32	45	48	47	34	35		38.8
BOWLING GREEN FAA AP	MAX	58	53	67	72	61	45	58	71	76	66	77	81	80	65	69	77	85	87	85	86	77	69	54	69	78	78	76	74	61	64		70.6
	MIN	41	32	32	36	39	33	32	31	46	37	31	43	40	33	34	37	45	50	54	55	59	50	42	39	39	48	51	51	44	42		41.5
BRADFORDSVILLE	MAX	70	57	58	65	69	61	41	66	71	74	68	79	80	80	66	71	80	83	80	80	84	75	61	65	68	74	73	72	71	62		70.1
	MIN	46	29	26	28	36	37	28	37	44	31	27	35	60	32	29	32	38	46	40	40	51	42	40	33	30	42	44	51	35	32		37.4
CAMPBELLSVILLE 2 SSW	MAX	68	54	64	70	66	57	56	69	74	70	78	80	79	70	71	74	82	80	80	83	80	79	64	66	74	73	74	71	68	62		71.2
	MIN	53	31	32	32	36	32	31	34	51	34	33	43	51	36	32	38	47	54	48	48	58	45	46	40	35	48	52	44	41	40		41.5
CECILIA	MAX	68	55	63	64	59	48	57	70	73	68	77	79	86	64	67	75	82	80	78	84	77	75	61	68	74	74	71	69	65	66		69.9
	MIN	52	30	29	32	34	32	30	32	42	40	30	48	50	32	34	36	43	53	48	50	60	42	45	38	32	45	48	50	38	40		40.5
GLASGOW WKAY	MAX	67	53	65	70	61	55	59	71	73	68	78	81	81	64	68	74	83	82	83	86	75	70	62	69	75	76	75	73	69	62		70.9
	MIN	53	29	30	35	38	33	29	29	48	38	32	41	60	32	34	37	44	51	53	52	62	48	48	37	34	45	52	47	40	39		41.7
GREENSBURG	MAX	72	60	53	66	72	63	40	59	72	76	62	80	82	81	65	70	77	84	84	83	87	77	70	55	70	77	78	77	74	63		71.0
	MIN	34	31	30	32	38	39	32	30	34	33	31	39	45	34	34	36	40	50	48	48	52	47	47	38	35	40	49	47	41	39		39.1
HODGENVILLE-LINCOLN NP	MAX	68	54	63	65	65	62	56	71	75	73	77	81	81	73	68	75	84	81	80	84	84	76	66	67	74	74	73	72	71	61		71.8
	MIN	51	29	32	36	36	36	28	32	46	33	31	49	58	35	36	37	48	53	49	48	59	45	47	37	35	46	49	44	38	39		41.4
IRVINGTON	MAX	66	55	59	61	60	53	56	71	72	70	76	81	80	69	68	75	82	82	80	84	83	76	64	64	72	73	73	68	68	63		70.1
	MIN	50	29	29	34	35	32	28	28	38	30	27	43	58	31	35	33	44	51	49	48	58	41	45	39	31	43	49	48	35	39		39.3
JAMESTOWN 8 SSW	MAX																																
	MIN																																
LEITCHFIELD 2 N	MAX	72	53	61	70	65	49	60	70	70	64	79	81	78	65	68	75	84	79	81	85	77	72	60	66	73	75	73	72	67	64		70.3
	MIN	53	30	29	39	36	32	30	30	47	30	30	43	55	31	32	34	44	49	50	48	60	44	46	41	34	44	49	49	41	40		40.7
LOUISVILLE	MAX	70	57	61	61	61	53	60	74	75	72	78	84	84	68	64	73	82	82	78	81	81	80	66	64	72	73	71	68	70	64		70.9
	MIN	53	34	36	40	38	34	34	41	55	41	39	51	64	40	39	41	50	56	51	52	62	43	45	45	43	53	48	50	43	43		45.5
LOUISVILLE WSO	MAX	62	51	60	59	56	42	60	71	73	65	78	82	81	58	67	74	82	78	77	81	79	66	59	65	74	70	68	70	61	63		67.7
	MIN	41	33	33	38	38	35	33	35	48	35	35	46	41	39	38	39	47	54	48	48	52	43	45	43	36	48	48	50	41	41		41.7

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DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	66	55	65	71	63	58	57	71	76	69	78	81	80	65	69	76	83	83	83	85	60	75	65	68	75	75	76	73	70	63		71.8
	MIN	55	25	26	38	37	34	32	30	53	36	34	47	52	32	33	36	46	49	54	50	61	48	42	38	34	45	52	52	39	40		41.7
NOLIN RIVER RESERVOIR	MAX	69	57	54	66	69	58	39	58	70	76	65	78	82	81	65	70	78	84	84	83	88	78	68	54	68	76	76	77	73	63		70.2
	MIN	37	29	26	29	38	37	31	27	30	32	30	33	43	33	33	33	39	43	53	49	51	49	46	35	33	34	44	45	39	40		37.4
ROUGH RIVER DAM	MAX	70	57	52	63	65	56	37	57	71	73	68	79	81	78	65	71	78	84	84	84	87	79	70	59	68	75	76	77	70	62		69.9
	MIN	43	31	32	35	37	33	29	31	35	35	31	38	55	32	34	37	45	52	55	52	55	44	47	41	35	36	48	47	39	40		40.1
SCOTTSVILLE 3 SSW	MAX	64	54	66	71	63	55	57	72	77	68	78	81	83	74	69	75	83	83	84	87	80	73	64	69	75	76	76	73	70	60		72.0
	MIN	45	31	34	41	39	35	30	36	49	41	39	54	57	33	38	37	54	55	57	59	62	50	48	40	42	55	55	52	44	44		45.2
SUMMER SHADE	MAX	63	54	65	71	65	54	58	69	75	66	78	80	81	63	69	75	82	83	84	86	75	68	53	69	74	76	76	71	60	63		70.2
	MIN	52	30	30	34	38	33	28	31	45	40	35	45	51	33	35	37	45	50	55	56	59	50	48	35	35	45	50	49	40	41		41.8
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	71	62	63	72	64	62	60	69	75	72	78	78	80	76	68	68	81	81	80	87	78	74	62	65	72	74	74	72	72	70		72.0
	MIN	58	32	37	36	36	38	29	38	42	35	42	48	62	38	43	43	50	54	51	47	58	42	42	42	38	51	47	55	41	37		43.7
CARROLLTON LOCK 1	MAX	70	56	60	59	57	48	60	71	74	70	75	82	80	64	65	75	82	82	76	80	80	65	63	61	72	72	67	70	68	60		68.8
	MIN	45	28	29	32	36	35	31	31	45	30	30	39	55	37	32	34	43	51	44	43	50	39	41	41	34	39	43	50	40	35		38.7
COVINGTON WSO	MAX	62	50	57	57	50	53	60	71	74	63	78	82	79	57	65	73	77	73	78	80	76	65	64	61	72	69	63	71	56	63		66.6
	MIN	40	32	32	33	36	35	30	33	45	30	35	47	40	34	35	36	49	53	48	50	49	37	42	39	33	45	42	46	40	40		39.5
CYNTHIANA 2	MAX	70	66	52	60	62	58	43	58	69	74	64	76	80	80	58	65	70	81	78	80	82	75	64	60	62	70	70	61	69	59		67.2
	MIN	34	30	27	30	35	37	28	28	33	25	25	29	46	33	30	31	34	44	38	42	48	35	37	38	31	33	41	42	33	31		34.3
DANVILLE	MAX	70	60	51	63	68	62	43	58	70	73	63	79	80	80	58	68	73	82	79	80	82	76	65	55	67	73	71	70	70	60		68.3
	MIN	36	32	32	36	35	35	28	28	40	34	34	35	54	33	35	36	43	53	47	47	54	41	43	43	39	40	44	44	39	39		39.3
DIX DAM	MAX	68	56	60	65	65	55	57	71	74	74	77	81	81	80	65	72	80	81	78	82	82	76	64	65	69	68	66	69	69	59		70.3
	MIN	52	29	33	37	35	35	28	34	46	32	34	40	55	34	33	35	46	55	48	43	55	41	41	39	37	45	44	52	38	35		40.4
FALMOUTH 5 WNW	MAX	65	54	58	58	56	46	59	71	74	65	77	81	76	58	65	73	80	75	78	81	75	64	63	61	71	70	66	69	65	62		67.2
	MIN	42	28	25	25	33	34	23	26	33	22	23	34	46	32	26	29	38	44	38	42	47	32	33	33	26	33	39	50	33	29		33.3
FARMERS 1 WNW	MAX	66	58	60	66	62	56	57	69	75	70	77	80	82	65	61	71	80	79	82	81	72	63	65	62	69	69	66	69	67	63		68.7
	MIN	41	35	26	30	37	41	24	30	30	29	29	34	50	38	30	30	41	46	44	40	42	37	35	36	30	37	41	41	39	31		35.8
FLEMINGSBURG 1 SW	MAX	65	58	58	60	60	54	56	68	73	69	76	80	80	62	64	70	79	76	78	78	75	65	59	60	68	67	65	68	66	60		67.2
	MIN	52	32	35	32	35	38	27	31	41	28	29	39	59	32	31	32	46	51	42	50	49	36	35	42	30	41	38	50	37	33		38.4
FRANKFORT LOCK 4	MAX	70	65	53	62	64	59	49	61	71	71	67	78	80	81	61	69	77	83	79	80	84	79	68	61	66	73	70	64	71	62		69.3
	MIN	30	32	30	33	34	37	30	32	33	30	30	31	40	36	33	33	36	41	43	42	46	40	39	42	35	39	45	45	37	35		36.3
LEXINGTON WSO	MAX	62	51	59	61	57	41	56	70	72	62	75	78	80	54	63	70	78	75	74	78	76	63	55	62	69	64	67	68	56	60		65.2
	MIN	40	29	30	35	35	35	28	33	44	35	38	47	38	33	37	37	47	52	46	47	46	38	38	40	35	45	42	46	35	33		38.8
MAYSVILLE SEWAGE PLANT	MAX	69	69	50	60	60	60	50	62	70	75	63	77	81	81	58	64	73	79	75	80	81	74	64	62	62	70	68	61	71	56		67.5
	MIN	29	31	33	28	34	33	28	27	35	33	27	35	40	34	30	32	37	49	45	43	49	36	36	38	31	36	38	38	41	36		35.4
MOUNT STERLING	MAX	67	60	61	66	63	60	57	69	75	69	81	78	82	66	72	73	82	80	80	82	78	63	60	64	70	69	67	71	70	61		69.9
	MIN	54	31	32	35	33	39	27	35	45	32	42	35	57	34	36	36	46	54	47	45	55	39	39	40	37	46	40	52	38	35		40.5
OWENTON	MAX	68	61	49	57	57	53	44	57	69	72	64	76	79	78	58	66	73	79	75	72	80	76	63	59	59	70	67	59	67	57		65.5
	MIN	37	30	33	36	33	33	30	31	32	33	40	44	54	34	36	38	42	53	46	42	49	40	42	45	41	42	40	42	43	40		39.4
RICHMOND	MAX	69	61	53	63	70	60	42	60	70	75	65	78	81	82	60	68	74	83	78	78	81	80	66	59	66	73	69	66	72	62		68.8
	MIN	41	30	32	36	35	39	28	33	43	37	42	40	49	32	37	39	48	56	48	49	51	40	42	38	36	46	43	45	36	37		40.3
SHELBYVILLE	MAX	69	60	50	59	58	55	41	58	70	72	62	75	79	79	57	65	73	81	77	77	80	78	64	59	63	72	67	65	69	59		66.4
	MIN	36	29	29	32	34	35	28	30	33	33	38	41	49	36	36	37	43	49	47	48	52	39	39	40	37	37	44	40	38	37		38.2
WARSAW MARKLAND DAM	MAX	70	61	51	57	58	50	48	57	71	73	69	77	82	79	57	65	73	78	74	77	81	75	65	62	60	72	67	60	68	58		66.5
	MIN	27	29	33	31	32	33	24	24	31	28	28	29	38	34	29	31	32	41	45	40	40	33	36	36	30	32	36	42	39	33		33.2
WAYNESBURG 7 NE	MAX	65	52	60	69	60	56	55	67	73	68	75	79	78	72	66	70	78	77	79	80	78	64	59	63	70	70	72	69	66	60		68.3
	MIN	51	31	32	38	35	36	29	34	42	35	41	48	59	34	38	42	46	57	51	55	57	41	45	39	35	52	44	53	34	38		42.4
WILLIAMSTOWN 3 NW	MAX	62	63	58	58	53	45	58	70	72	63	76	80	79	62	65	72	80	75	76	80	75	63	61	61	68	68	64	68	65	62		66.7
	MIN	50	30	29	34	33	32	26	32	36	34	40	52	55	34	37	42	51	52	48	52	52	37	41	41	35	43	35	50	37	37		40.2
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	69	69	52	60	66	62	48	59	70	79	63	77	84	85	58	65	72	80	74	80	81	66	61	61	63	70	71	70	72	57		68.1
	MIN	27	36	29	27	37	37	30	28	30	29	26	33	33	33	27	29	34	45	42	39	42	34	32	34	29	29	31	36	34	31		32.8
BARBOURVILLE	MAX	69	67	54	66	74	70	47	58	71	77	69	81	83	85	62	72	75	83	83	84	85	77	68	50	69	74	74	81	76	61		71.5
	MIN	28	38	26	27	32	35	33	30	31	35	29	30	38	36	31	32	34	41	44	44	48	47	40	42	33	33	40	40	41	37		35.8
BAXTER	MAX	69	67	52	65	72	65	53	58	69	75	68	80	82	85	62	70	75	83	84	86	87	75	69	49	69	73	71	81	75	68		71.2
	MIN	26	38	26	26	37	37	32	29	29	31	28	28	35	40	30	30	33	41	43	42	44	45	37	38	32	40	39	39	40	38		35.1
BLAINE	MAX	70	67	51	63	72	63	47	58	70	77	65	80	83	85	60	67	71	81	77	82	83	63	66	60	64	70	71	69	74	60		69.0
	MIN	20	36	22	22	31	38	31	29	28	28	28	29	29	34	24	24	28	39	34	34	35	35	30	31	30	33	33	33	34	29		30.4
CUMBERLAND	MAX	68	68	63	70	70	65	54	68	73	73	75	79	83	82	67	72	79	80	83	84	83	78	64	65	69	70	78	78	78	68		72.9
	MIN	28	34	18	27	32	38	32	25	28	30	35	21	41	37	26	23	35	33	34	32	43	42	30	29	30	32	33	37	35	31		31.7
DEWEY DAM	MAX																																
	MIN																																
GRAYSON 5 SE	MAX	69	67	51	61	69	61	46	59	70	78	64	79	83	84	59	66	74	82	74	81	83	67	63	61	66	70	70	64	72			68.7
	MIN	22	37	25	26	32	37	28	26	27	26	28	30	32	32	25	27	30	42	35	37	39	34	31	32	27	30	32	32	32			30.8
HEIDELBERG LOCK 14	MAX	71	65	65	72	69	65	57	71	77	76	79	83	84	83	70	73	81	82	83	84	82	79	65	66	71	72	71	75	75	63		73.6
	MIN	36	36	23	30	38	40	31	28	29	30	26	32	45	35	29	31	38	48	38	40	50	41	35	34	30	38	37	55	37	33		35.8
HINDMAN 11 NNE	MAX	70	61	60	74	70	50	65	70	74	70	82	84	87	81	69	74	83	83	82	84	80	79	70	62	73	70	68	73	69	65		72.7
	MIN	33	36	36	38	35	37	28	30	30	30	24	32	43	37	28	31	37	38	34	39	45	36	34	32	31	34	35	50	34	33		34.7
HYDEN	MAX	68	69	50	64	71	68	44	56	69	77	66	79	82	84	64	69	74	81	81	84	84	76	65	50	66	70	67	76	74	65		69.8
	MIN	26	36	25	27	31	38	35	29	30	32	27	27	36	35	29	30	32	40	39	41	42	45	35	38	31	30	35	36	39	36		33.7
JACKSON	MAX	73	67	55	67	75	69	45	60	74	79	72	83	85	85	65	73	78	85	86	87	89	72	67	56	69	74	67	72	76	67		72.4
	MIN	27	36	29	32	34	41	31	30	31	32	29	30	36	36	31	32	36	41	41	41	43	42	37	37	33	34	38	40	41	36		35.2

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	62	50	63	70	66	50	54	68	75	64	78	81	82	60	68	72	80	81	82	84	76	65	49	66	72	71	81	72	61	63		68.9
	MIN	47	35	31	31	40	34	30	31	37	38	29	38	42	35	33	34	40	50	50	45	54	44	40	41	33	44	45	54	40	39		39.5
MANCHESTER 4 SE	MAX	65	61	63	71	69	63	55	68	76	71	78	81	82	79	68	73	80	81	82	84	82	75	64	65	72	71	78	78	72	64		72.4
	MIN	36	37	23	29	33	40	33	28	26	31	26	33	45	35	29	30	37	46	39	40	48	44	36	34	29	41	37	57	39	31		35.7
MC KEE	MAX	70	62	51	63	71	65	44	55	70	76	64	80	81	81	59	68	73	81	80	83	83	76	62	53	63	73	66	71	71	59		68.5
	MIN	25	33	22	27	32	40	30	27	30	28	25	31	38	34	27	29	37	44	37	37	46	41	34	33	28	30	37	44	35	30		33.0
MIDDLESBORO	MAX	67	66	52	66	72	70	48	56	69	74	68	78	80	83	61	70	74	83	83	84	84	74	68	50	69	73	73	80	76	66		70.6
	MIN	21	37	25	22	33	34	32	30	30	32	28	32	36	38	30	32	34	39	43	45	51	47	39	37	33	35	40	39	40	37		35.0
MONTICELLO	MAX	66	55	66	74	69	58	56	70	75	68	79	81	82	75	70	74	82	82	82	86	77	70	63	70	75	75	80	76	70	64		72.3
	MIN	54	33	28	31	33	34	30	29	41	33	32	37	63	33	33	33	40	48	45	46	56	46	42	36	33	43	48	55	40	37		39.7
MOUNT VERNON	MAX	68	55	62	70	67	60	56	68	74	71	77	80	80	76	67	72	80	81	83	82	78	72	61	66	72	71	73	70	70	63		70.8
	MIN	54	33	34	32	35	38	29	35	38	33	34	39	62	36	32	35	41	51	50	45	53	42	40	41	34	48	44	55	40	35		40.6
PIKEVILLE	MAX	73	68	67	76	70	63	61	73	80	74	82	87	88	81	70	76	84	84	88	86	76	66	61	68	76	74	75	80	73	67		74.9
	MIN	36	40	28	32	36	46	35	31	33	35	30	36	46	41	31	34	40	50	41	44	49	45	37	40	33	40	38	55	42	36		38.7
SOMERSET 2 N	MAX	64	55	65	72	65	57	57	67	74	69	78	79	80	73	69	72	83	80	80	83	77	71	60	69	72	73	76	71	69	60		70.7
	MIN	53	33	28	32	36	39	31	28	39	38	34	37	53	33	33	33	41	41	50	41	47	44	41	38	31	42	41	55	39	37		38.9
STEARNS 1 W	MAX	62		51	64	71	68	42	54	70	74	67	80	81	60	70	66	73	81	84	84	84	74	64	49	68	67	79	79	74	64		69.1
	MIN	34		30	33	32	42	30	31	32	36	29	34	33	32	34	38	42	49	46	48	55	47	40	39	35	45	46	49	40	40		38.7
TOMAHAWK 1 WSW	MAX	69	69	50	65	72	65	49	59	70	78	65	80	83	86	61	67	74	82	79	82	84	65	63	60	66	72	73	70	76	62		69.9
	MIN	22	37	22	27	34	35	31	27	27	25	24	29	30	35	26	28	32	44	35	37	37	38	31	31	27	34	33	34	35	31		31.3
VANCEBURG	MAX	68	54	58	60	64	56	58	73	70	73	78	83	84	72	65	73	80	78	80	83	82	72	64	63	71	72	68	70	67	67		70.2
	MIN	40	35	23	27	35	39	24	25	25	27	25	31	45	35	26	28	33	37	37	39	42	34	32	33	28	32	34	40	34	32		32.6
WEST LIBERTY	MAX	70	65	50	62	70	63	43	57	70	77	67	80	83	84	59	67	74	80	78	82	84	71	62	58	63	70	70	68	73	60		68.7
	MIN		36	28	30	30	40	30	29	29	30	27	27	37	38	28	30	30	42	45	39	40	39	34	33	30	30	36	41	37	32		33.7
WILLIAMSBURG 1 E	MAX	69	63	66	75	68	65	58	71	77	73	81	82	85	81	72	76	85	84	86	86	85	78	67	70	75	71	80	78	75	66		74.9
	MIN	54	35	33	31	35	35	31	31	41	39	30	38	63	35	33	33	35	38	45	45	53	46	42	41	35	35	43	57	41	39		39.7

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	-	-	-	-	-	-	-	-	-	-	.37	.03	.42	.22	.05	.25	.19	.32	.10	.25	.18	.28	.06	.06	.33	.09	.30	.14	.31	.14		-
	WIND	-	-	-	-	-	-	-	-	-	-	-	6	158	88	52	21	28	60	17	33	29	79	60	68	78	6	58	81	73	32		-
	MAX	-	-	-	-	-	-	-	-	-	-	77	77	78	75	70	77	80	83	78	86	87	82	79	56	82	78	82	74	82	72		-
	MIN	-	-	-	-	-	-	-	-	-	-	43	43	53	39	38	43	57	57	56	56	58	50	49	41	44	56	52	51	47	46		-
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.27	.28	.13	.16	.22	.16	.27	.03	.30	.29	.25	.29	.32	.24	.22	.26	.26	.19	.26	.19	.26	.22	.18	.08	.24	.16	.16	.34	.28	.10		6.61
	WIND	-	119	103	49	88	92	36	60	104	107	38	51	113	103	43	30	29	38	42	28	27	92	34	34	69	55	25	59	89	27		18468
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	-	.15	*	.35	.25	*	.21	*	.46	*	.35	.22	.23	.25	.10	.18	.19	.21	.30	.20	.30	.18	.20	*	.40	.18	.12	.15	.37	.13		5.888
	WIND	-	131	*	149	63	126	67	*	101	94	24	8	52	76	22	21	21	35	67	31	26	69	28	103	29	30	66	97	93	41		17288
	MAX	-	67	-	68	62	42	62	54	55	58	72	81	82	84	69	78	78	83	86	78	85	81	75	66	68	76	71	64	80	71		71.3
	MIN	-	38	-	38	38	38	38	47	40	42	43	43	50	43	43	45	50	51	50	52	55	49	49	44	44	44	45	44	46	44		44.8
* * * EASTERN 04																																	
BUCKHORN	EVAP	-	-	-	.18	.22	.16	-	.07	.19	.37	.31	.07	.24	*	.66	-	.19	.20	.24	.28	-	.10	.20	*	.09	.34	.09	.18	.40	.15		6.168
	WIND	-	101	56	54	41	38	34	44	38	101	23	30	53	95	31	22	22	30	25	13	26	51	28	16	60	46	18	29	81	34		12838
	MAX	77	68	59	75	71	69	57	74	81	81	83	77	77	90	83	85	87	88	84	84	92	83	86	63	77	73	59	77	89	82		77.7
	MIN	48	42	37	37	40	44	38	37	38	40	39	38	42	44	41	40	42	47	51	50	51	50	47	45	43	42	45	45	48	46		43.2

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN																																		
	4	MAX	50	49	49	52	52	51	49	53	54	55	57	59	59	60	58	60	61	62	62	64	65	60	60	61	61	62	63	64	64	64		58.0
		MIN	49	45	42	46	46	45	42	44	44	47	48	51	55	52	51	53	54	59	57	57	60	56	54	54	55	58	57	58	56	55		51.7
	20	5PM	48	49	49	49	49	49	49	49	49	50	51	51	53	54	54	54	55	55	56	57	58	59	59	58	57	57	58	58	58	58		53.7
BEREA COLLEGE																																		
	4	MAX	59	53	51	59	50	51	55	59	59	60	64	65	67	63	64	64	66	70	70	70	70	71	68	62	63	65	65	69	71	63		62.9
		MIN	51	46	44	42	47	49	43	45	50	49	48	54	57	58	52	52	51	60	59	59	62	58	58	54	53	59	57	60	59	52		52.9
	20	5PM	50	50	50	50	50	51	50	50	51	52	52	53	54	55	55	54	56	57	58	59	59	60	60	58	58	58	58	59	60	60		54.9
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	50	50	50	50	52	52	50	50	50	54	56	57	59	61	63	60	61	65	65	68	65	66	58	62	62	63	60	65	63	58		58.2
		MIN	46	46	45	44	47	45	43	44	47	47	47	46	54	56	60	52	56	55	52	51	58	54	56	58	55	55	55	60	55	54		51.4
	20	6PM	46	46	46	46	48	47	46	46	46	47	47	48	49	52	53	51	52	54	54	55	56	57	56	55	55	55	56	56	56	56		51.2
CUMBERLAND GAP PARK																																		
	4	MAX	51	52	52	54	55	55	52	55	56	57	58	60	62	62	60	62	66	64	65	64	62	65	65	58	60	58	60	66	65	60		59.4
		MIN	48	48	46	45	48	50	45	46	48	50	49	51	55	54	51	55	53	56	56	57	59	58	55	52	52	55	54	59	57	55		52.2
	20	5PM	48	48	48	48	49	50	49	49	49	50	50	52	53	54	54	54	54	55	56	57	57	57	57	56	56	56	56	57	58	58		53.2
FLEMINGSBURG 1 SW																																		
	4	MAX	47	47	45	48	47	47	47	50	50	51	52	53	55	55	55	56	55	57	58	58	58	56	55	53	53	54	55	54	55	56		52.7
		MIN	46	45	43	45	44	45	44	45	48	46	46	49	52	50	48	50	51	54	54	54	55	53	51	51	49	51	51	53	51	50		49.1
	20	6PM	44	44	44	44	44	45	45	45	45	45	46	46	46	47	47	48	49	49	50	50	51	51	51	51	50	50	50	50	51	51		47.6
GLASGOW WKAY																																		
	4	MAX	50	49	48	51	52	52	49	52	53	53	56	57	58	58	58	59	59	59	63	63	63	63	63	58	61	62	62	63	63	61		57.3
		MIN	49	47	44	48	49	49	45	46	49	49	50	52	54	53	53	52	53	55	57	58	61	58	58	53	56	56	58	59	58	57		52.9
	20	6PM	47	47	47	48	48	48	48	48	49	49	50	51	51	51	52	52	53	54	55	56	56	56	56	56	56	56	56	56	56	56		52.1
HENDERSON 7 SSW																																		
	4	MAX	50	50	49	50	50	49	46	48	51	53	54	55	55	55	55	57	58	60	61	62	63	63	63	59	60	61	61	61	61	60		56.0
		MIN	50	48	47	46	49	45	45	45	48	49	50	53	55	52	52	54	56	57	59	59	62	60	59	56	56	58	59	58	59	57		53.4
	20	6PM	48	48	48	48	48	48	47	47	47	48	49	50	51	51	51	52	52	53	54	55	56	56	56	56	56	55	56	56	56	56		51.8
IRVINGTON																																		
	4	MAX	52	50	50	52	52	48	51	54	55	56	58	59	59	60	60	61	62	63	64	67	67	66	67	67	62	64	64	65	66	63		59.5
		MIN	50	45	43	46	46	44	40	44	48	48	47	50	54	55	50	51	53	56	57	57	60	57	58	53	52	56	56	57	54	54		51.4
	20	4PM	44	44	44	44	44	44	43	44	44	45	46	47	48	48	48	49	49	50	50	52	53	53	53	53	52	52	52	53	53	53		48.5
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	59	57	62	72	64	46	66	69	70	76	82	82	84	75	78	85	83	89	81	91	82	80	63	77	81	72	71	76	74	72		74.0
		MIN	48	36	34	35	36	40	35	35	38	36	36	43	47	41	35	42	48	55	50	50	55	45	45	42	42	46	45	56	41	40		42.6
	2	MAX	51	54	58	65	60	46	60	64	63	69	75	75	77	69	72	77	77	82	79	82	77	74	61	71	75	68	64	71	68	68		68.4
		MIN	49	39	36	38	39	41	36	36	41	40	40	45	56	45	42	43	50	57	52	52	60	47	46	45	45	50	48	53	44	43		45.3
	4	MAX	52	51	53	58	54	45	53	57	58	61	66	67	69	62	65	68	70	73	71	74	70	68	58	64	67	64	63	66	62	62		62.4
		MIN	49	42	44	46	42	41	39	40	39	43	43	48	55	48	45	47	52	58	55	55	59	52	51	48	48	52	51	56	48	47		48.1
	8	MAX	51	50	49	53	51	47	50	53	54	56	59	61	63	58	60	62	64	67	66	68	66	64	59	60	62	61	59	62	60	59		58.5
		MIN	49	44	41	43	45	44	41	43	45	46	46	50	56	55	48	49	53	58	57	56	60	55	53	51	51	54	53	57	51	50		50.1
(SOD)	1	MAX	49	49	49	51	50	46	48	51	52	53	55	56	60	58	59	60	61	63	62	64	63	62	57	58	59	58	71	61	59	58		56.7
		MIN	47	44	42	44	44	37	42	44	46	46	46	48	52	49	48	49	52	56	54	54	57	54	53	51	50	52	45	52	52	51		48.7
	2	MAX	49	49	48	51	50	47	49	51	52	52	54	56	59	57	59	60	60	63	62	63	63	62	57	58	59	58	56	61	59	58		56.1
		MIN	47	45	43	44	45	39	43	45	47	47	47	48	52	50	49	50	53	56	55	55	57	55	53	52	51	53	52	55	52	52		49.7
	4	MAX	48	49	48	50	49	48	48	50	51	51	53	54	57	56	57	58	60	61	61	62	61	60	57	57	58	57	56	60	58	58		55.1
		MIN	47	45	44	45	46	43	43	45	47	47	47	49	52	50	50	51	53	56	55	55	57	55	54	53	52	53	53	55	53	53		50.3
	8	MAX	47	48	47	48	48	48	47	48	49	50	51	52	54	54	54	58	56	58	58	59	59	58	58	56	56	56	55	57	57	56		53.4
		MIN	46	46	45	46	46	44	45	46	47	48	48	49	51	51	51	51	53	55	55	50	57	56	55	54	53	54	54	55	54	54		50.6
	20	7PM	45	46	46	46	46	46	46	46	47	47	48	48	49	50	50	51	51	52	53	53	54	54	54	54	54	53	54	54	54	54		50.2
	40	7PM	45	46	46	46	46	46	47	47	47	47	47	47	48	48	49	49	49	50	50	50	51	51	52	52	52	52	52	52	52	52		48.9

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

CONTINUED

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAYFIELD RADIO WNGO	4	MAX	57	58	56	55	54	53	53	56	54	59	61	61	63	64	65	65	65	65	68	69	69	70	69	67	70	70	71	70	69	66		63.1
	4	MIN	55	55	54	53	53	49	52	53	53	54	50	60	60	61	62	61	64	64	65	67	67	68	67	58	67	69	68	69	62	65		60.2
	20	5PM	50	51	49	50	50	51	50	50	51	56	53	55	55	56	56	56	56	58	58	-	59	60	-	57	59	61	62	68	68	62		56.0
PRINCETON 1 SE	4	MAX	53	51	52	54	54	49	51	53	55	58	59	60	60	60	61	63	65	66	69	70	70	69	69	64	65	68	69	67	68	64		61.2
		MIN	51	46	45	49	49	44	44	43	50	50	51	55	57	53	52	55	58	61	61	62	65	61	60	56	57	61	62	60	60	59		54.6
	20	5PM	48	48	48	48	49	48	47	47	48	49	50	51	52	53	53	53	54	55	56	57	58	59	59	57	57	57	58	59	59	59		53.2
SANDY HOOK 4 NW	4	MAX	51	51	56	54	52	52	52	55	55	56	58	60	62	61	59	60	61	65	64	65	63	61	65	58	60	62	60	64	62	60		58.8
		MIN	47	47	44	45	47	47	44	45	47	47	47	49	55	52	49	50	51	56	55	57	57	53	52	55	49	51	52	55	54	50		50.3
	20	6PM	45	45	45	45	46	47	46	46	47	47	47	48	49	50	49	49	50	56	53	52	53	53	54	52	52	52	52	52	53	53		49.6
SOMERSET 2 N	1	MAX	53	52	54	56	57	55	56	57	55	58	60	60	62	62	62	64	65	62	66	69	68	67	66	63	64	64	64	68	68	64		61.4
		MIN	48	46	43	45	47	49	49	45	47	48	48	50	54	53	51	51	55	54	58	58	60	58	57	52	53	56	56	59	58	57		52.2
	4	MAX	52	50	51	54	54	54	53	54	54	56	58	58	60	60	60	61	62	64	64	66	65	64	64	61	61	62	62	65	66	62		59.2
		MIN	48	46	46	46	48	49	44	46	48	49	49	51	54	53	52	52	54	54	58	58	60	58	57	52	53	56	56	59	57	57		52.3
	20	6PM	49	49	50	50	50	51	50	50	51	51	52	53	53	54	54	55	55	56	57	58	58	58	58	58	57	57	58	58	59	59		54.3
WILLIAMSTOWN 3 NW	4	MAX	47	47	46	47	47	47	46	48	49	50	51	52	54	54	54	54	55	57	57	58	57	57	57	56	54	55	54	55	54	54		52.4
		MIN	47	46	43	45	45	45	43	45	47	47	48	50	52	51	51	51	54	54	55	56	56	55	55	54	52	53	54	54	54	52		50.5
	20	6PM	44	44	44	44	44	44	44	44	44	45	45	46	47	48	48	48	49	49	50	50	51	51	52	51	51	51	51	51	51	51		47.7

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
ELKTON 2 S	SNOWFALL						T	T																								
	SN ON GND						T	T																								
FORDS FERRY DAM 50	SNOWFALL						4.5	1.5																								
	SN ON GND						2	1																								
HENDERSON 7 SSW	SNOWFALL						7.0																									
	SN ON GND						3	T																								
HOPKINSVILLE	SNOWFALL						.5																									
	SN ON GND						1	T																								
MURRAY	SNOWFALL						T	T																								
	SN ON GND																															
OWENSBORO 2 W	SNOWFALL						2.0	-																								
	SN ON GND						2	1																								
PADUCAH FAA AIRPORT	SNOWFALL					3.0	.5																									
	SN ON GND						3																									
PARADISE STEAM PLANT	SNOWFALL							-																								
	SN ON GND																															
* * * CENTRAL 02																																
BARDSTOWN	SNOWFALL							-																								
	SN ON GND																															
BOWLING GREEN FAA AP	SNOWFALL						T																									
	SN ON GND																															
CAMPBELLSVILLE 2 SSW	SNOWFALL							-																								
	SN ON GND																															
IRVINGTON	SNOWFALL						-																									
	SN ON GND																															
LOUISVILLE WSO	SNOWFALL						.1																									
	SN ON GND																															
	WTR EQUIV																															
MAMMOTH CAVE PARK	SNOWFALL						.2																									
	SN ON GND						T																									
MILLERSTOWN	SNOWFALL						T	.5																								
	SN ON GND						T																									
SUMMER SHADE	SNOWFALL							1.0																								
	SN ON GND																															
* * * BLUE GRASS 03																																
COVINGTON WSO	SNOWFALL	T	T																													
	SN ON GND																															
	WTR EQUIV																															
DANVILLE	SNOWFALL							-																								
	SN ON GND							-																								
FARMERS 1 WNW	SNOWFALL							-																								
	SN ON GND																															
OWENTON	SNOWFALL							-																								
	SN ON GND							-																								
* * * EASTERN 04																																
LONDON FAA AP	SNOWFALL						T																									
	SN ON GND																															
MONTICELLO	SNOWFALL							.5																								
	SN ON GND							1																								
SOMERSET 2 N	SNOWFALL							T																								
	SN ON GND																															

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 56	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALHAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGNER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	5P	5P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			CLOSED 3/26/71
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	RA	8A			MRS. WINNIE E. NORAM
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA V HORNE
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVR-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			V D SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. M. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES M. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH M. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS N. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATION												
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			CLOSED 3/26/71
NEW STATION												
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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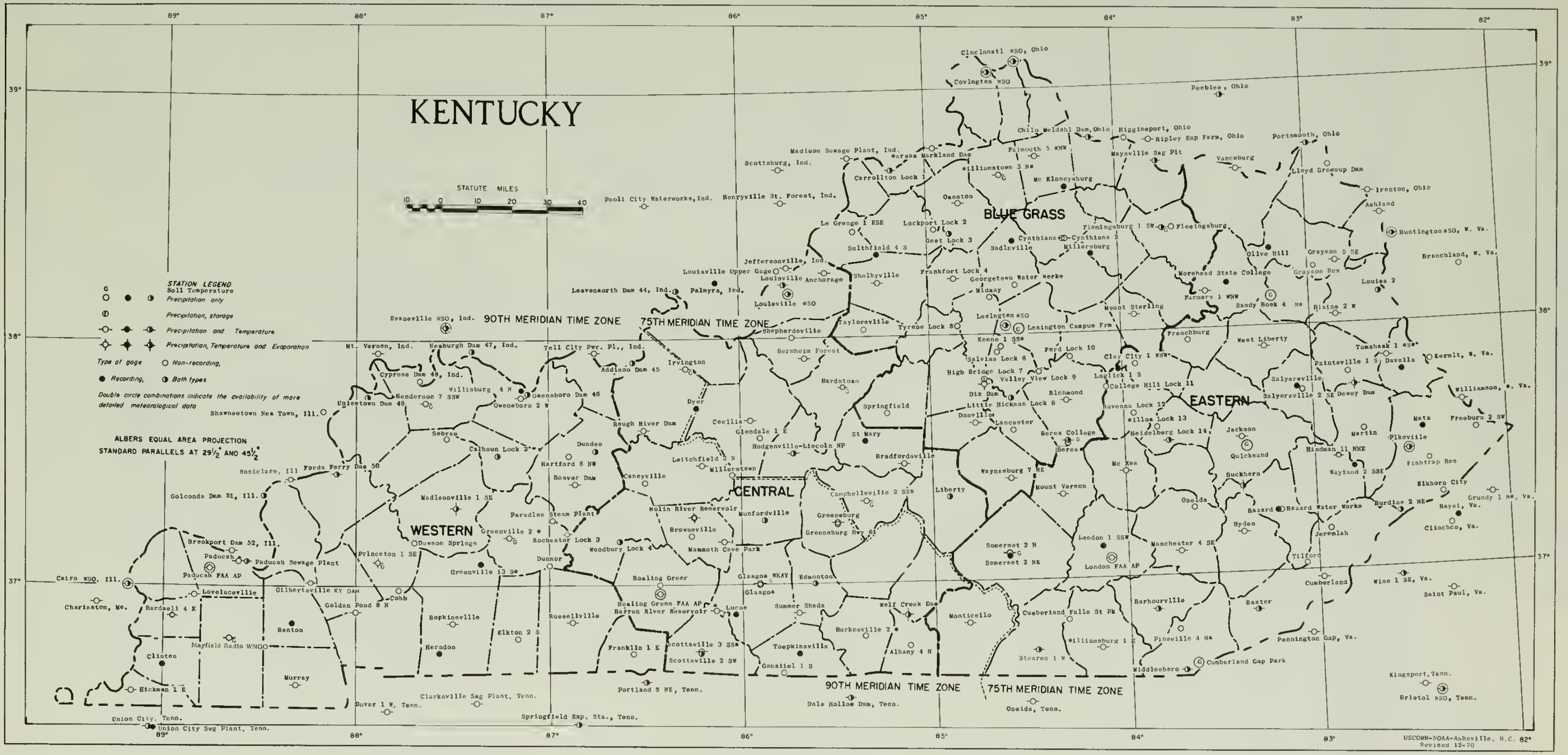
KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording, ● Recording, ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
BLUE GRASS
EASTERN
CENTRAL
WESTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
Cincinnati WSO, Ohio
Covington WSO
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind.
Markland Dam
Scottsburg, Ind.
Falmouth 5 WNW
Maysville Sag Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington WSO, W. Va.
Branchland, W. Va.
Carrollton Lock 1
Williamstown 3 NE
Mc Kinneysburg
Owenton
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Flemingsburg 1 SW
Flemingsburg
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Olive Hill
Grayson 5 SE
Grayson Res
Louisa 2
Smithfield 4 S
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 4 NE
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WSO
Evansville WSO, Ind.
Taylorsville
Tyrone Lock 5
Lexington WSO
Lexington Campus Frm
Mount Sterling
Frenchburg
West Liberty
Tomahawk 1 WSW
Paintsville 1 S
Davella
Kermit, W. Va.
Williamson, W. Va.
Shepherdsville
Keene 1 SSE
Ford Lock 10
Clay City 1 WNW
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Bernheim Forest
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Logtick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Cypress Dam 48, Ind.
Henderson 7 SSW
Uniontown Dam 49
Willisburg 4 N
Owensboro Dam 46
Owensboro 2 W
Bardstown
Dix Dam
Richmond
Ravenna Lock 12
Little Hickman Lock 8
Danville
Willow Lock 13
Shawneetown New Town, Ill.
Sebree
Dyer
Springfield
Lancaster
Berea College
Berea
Heidelberg Lock 14
Jackson
Quicksand
Mata
Freeburn 2 SW
Martin
Pikeville
Fishtrap Res
Calhoun Lock 2
Dundee
Rough River Dam
Cecilia
Glendale 1 E
St Mary
Hodgenville-Lincoln NP
Mc Kee
Hindman 11 NNE
Wayland 2 SSE
Hartford 6 NW
Beaver Dam
Leitchfield 2 N
Millerstown
Bradfordsville
Waynesburg 7 NE
Buckhorn
Rosiclare, Ill
Fords Ferry Dam 50
Caneyville
Liberty
Mount Vernon
Oneida
Elkhorn City
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Campbellsville 2 SSW
Greensburg
Hazard
Hazard Water Works
Burdine 2 NE
Grundy 1 NE, Va.
Bayei, Va.
Greenville 2
Brownsville
Greensburg Hwy 61
Hyden
Jeremiah
Clinchco, Va.
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Princeton 1 SE
Dawson Springs
Rochester Lock 3
Woodbury Lock 4
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
Manchester 4 SE
London FAA AP
Tilford
Paducah FAA AP
Greenville 13 S
Dunmor
Bowling Green
Glasgow WKAY
Glasgow
Edmonton
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Cairo WSO, Ill.
Lovelaceville
Gilbertsville KY DAM
Cobb
Charleston, Mo.
Bardwell 4 E
Goldan Pond 8 N
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Hopkinsville
Russellville
Elkton 2 S
Benton
Burkesville 2
Albany 4 N
Williamsburg 1 E
Pineville 4 NE
Pennington Gap, Va.
Mayfield Radio WNGO
Herndon
Franklin 1 E
Scottsville 3 SSE
Scottsville 2 SW
Tompkinsville
Stearns 1 W
Clinton
Gamaliel 1 S
Middlesboro
Cumberland Gap Park
Murray
Hickman 1 E
Dover 1 W, Tenn.
Clarksville Swg Plant, Tenn.
Portland 3 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
Kingsport, Tenn.
Bristol WSO, Tenn.
Union City, Tenn.
Union City Swg Plant, Tenn.
Springfield Exp. Sta., Tenn.
USCOMM-NOAA-Asheville, N.C.
Revised 12-70

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
MAY 1971
Volume 66 No. 5

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AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	76.3	50.5	63.4		85	16	34	4+	93	0	0	0	0	3.27		1.06	24	.0	0		7	2	1
BEAVER DAM	75.5	49.1	62.3		85	17	30	4	119	0	0	1	0	4.07		.95	7	.0	0		7	4	0
FORDS FERRY DAM 50	73.9	51.1	62.5		85	31+	37	4	106	0	0	0	0	4.03	.25	1.60	25	.0	0		8	3	1
GILBERTSVILLE KY DAM	78.3	53.0	65.7		88	16	38	3	56	0	0	0	0	3.57		1.82	7	.0	0		6	1	1
GOLDEN POND 8 N	74.0	51.6	62.8		86	18	37	3	102	0	0	0	0					.0	0				
GREENVILLE 2 W	M	M	M		82	31+				0	0	0	0					.0	0				
HENDERSON 7 SSW	73.7	50.6	62.2	- 4.0	84	16	34	4+	119	0	0	0	0	4.25	.02	1.39	6	.0	0		9	3	1
HICKMAN 1 E	76.4	50.7	63.6		84	31+	38	4+	82	0	0	0	0	3.91		1.00	24+	.0	0		8	3	2
HOPKINSVILLE	75.3	49.3	62.3	- 4.4	85	19+	35	4	116	0	0	0	0	5.44	1.23	3.00	7	.0	0		6	3	1
LOVELACEVILLE	76.9	49.5	63.2	- 4.0	86	31+	33	4	90	0	0	0	0	3.11	- 1.15	1.20	24	.0	0		6	2	1
MADISONVILLE 1 SE	76.0	50.1	63.1		84	31+	34	4	101	0	0	0	0	3.20		.98	13	.0	0		5	4	0
MAYFIELD RADIO WNGO	77.3	50.2	63.8		85	17+	34	4+	91	0	0	0	0	3.10		1.09	12	.0	0		6	2	1
MURRAY	75.6	52.1	63.9	- 3.7	86	31	38	3	79	0	0	0	0	3.26	- .92	.83	12	.0	0		7	3	0
OWENSBORO 2 W	74.9	51.9	63.4	- 2.7	85	31	35	4	90	0	0	0	0	4.27	.08	1.18	7	.0	0		8	4	1
PADUCAH FAA AIRPORT	74.2	51.3	62.8		84	31+	36	4	105	0	0	0	0	3.92		1.18	7	.0	0		6	2	2
PADUCAH SEWAGE PLANT	74.3	50.0	62.2		85	18	36	4	122	0	0	0	0	4.17	- .23	1.58	7	.0	0		6	4	1
PRINCETON 1 SE	75.1	50.1	62.6	- 4.1	83	18+	33	4	106	0	0	0	0	5.02	1.05	1.75	7	.0	0		8	4	2
ROCHESTER LOCK 3	73.5	48.1	60.8		83	18+	33	4	151	0	0	0	0	3.19		.87	7	.0	0		8	2	0
RUSSELLVILLE	73.8	48.8	61.3	- 5.1	84	19+	31	4	151	0	0	1	0	8.05	4.29	2.60	7	.0	0		9	5	4
DIVISION			62.9	- 3.7										4.11	- .10			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	74.3	48.2	61.3	- 2.4	86	17	33	4	141	0	0	0	0	7.30	3.20	2.11	6	.0	0		10	6	3
BARDSTOWN	74.9	47.5	61.2		86	18	29	4	142	0	0	2	0	5.81		2.00	6	.0	0		9	5	1
BARREN RIVER RESERVOIR	74.6	47.2	60.9		85	19+	30	4	158	0	0	2	0	3.40		.79	13	.0	0		7	2	0
BERNHEIM FOREST	75.8	47.2	61.5		86	18+	29	4	138	0	0	1	0	5.38		1.03	7	.0	0		9	6	2
BOWLING GREEN FAA AP	74.5	50.4	62.5	- 4.7	85	18+	33	4	116	0	0	0	0	6.43	2.66	1.95	6	.0	0		7	5	3
BRADFORDSVILLE	73.5	46.3	59.9		84	19	27	4	180	0	0	2	0	4.95		1.22	25	.0	0		8	5	1
CAMPBELLSVILLE 2 SSW	73.6	49.7	61.7		84	24+	34	4	136	0	0	0	0	6.95		1.41	13	.0	0		9	5	4
CECILIA	74.5	48.9	61.7	- 3.1	83	18+	31	4	130	0	0	1	0	7.65	3.52	1.55	6	.0	0			6	5
GLASGOW WKAY	74.5	48.8	61.7		85	18	30	4	131	0	0	1	0	6.35		2.36	6	.0	0		7	5	2
GREENSBURG	74.7M	47.1M	60.9M	- 4.7	86	19+	32	4	156	0	0	1	0	7.09	2.81	2.43	7	.0	0		8	4	3
HODGENVILLE-LINCOLN NP	75.0	48.7	61.9		85	17	31	4	130	0	0	1	0	5.23		1.15	7	.0	0		9	5	2
IRVINGTON	73.6	46.9	60.3	- 5.5	84	17	28	4	168	0	0	2	0	5.29	1.18	1.50	6	.0	0		9	5	1
JAMESTOWN 8 SSW		49.6M	M				33	4		0	0	0	0	5.15		2.00	13	.0	0		8	3	2
LEITCHFIELD 2 N	74.5	49.0	61.8	- 4.2	85	17	30	4	129	0	0	1	0	5.51	1.39	1.26	7	.0	0		7	6	1
LOUISVILLE	75.3	52.0	63.7		86	18	41	4+	89	0	0	0	0	5.23		1.30	6	.0	0		9	5	1
LOUISVILLE WSO R	72.7	50.2	61.5	- 2.9	85	18+	34	4	137	0	0	0	0	6.15	2.25	1.84	6	.0	0		10	5	2
MAMMOTH CAVE PARK	74.7	48.1	61.4		84	18	29	4	137	0	0	1	0	6.04		1.71	7	.0	0		7	5	3
NOLIN RIVER RESERVOIR	73.7	45.1	59.4		84	19+	29	4	190	0	0	2	0	6.60		1.06	13	.0	0		8	8	2
ROUGH RIVER DAM	73.6	47.2	60.4		84	18	32	5+	164	0	0	2	0	4.19		1.10	8	.0	0		7	4	2
SCOTTSVILLE 3 SSW	74.2	51.8	63.0		84	18	36	4+	105	0	0	0	0	3.67		.93	7	.0	0		8	4	0
SUMMER SHADE	73.5	49.2	61.4		82	24+	30	4+	134	0	0	2	0	3.70		1.05	13	.0	0		8	4	1
DIVISION			61.4	- 4.2										5.62	1.63			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	74.5	50.3	62.4	- 3.2	86	18	34	4	126	0	0	0	0	7.37	3.58	2.50	6	.0	0		7	5	3
CARROLLTON LOCK 1	73.4	47.3	60.4		85	18+	31	4	162	0	0	1	0	5.41	1.91	1.14	8	.0	0		9	5	2
COVINGTON WSO R	72.7	48.9	60.8	- 1.7	86	17	30	4	157	0	0	1	0	3.31	- .28	1.18	7	.0	0		6	2	1
CYNTHIANA 2	73.0	44.5	58.8		84	25+	27	4	203	0	0	2	0	6.31		1.25	6	.0	0		10	5	3
DANVILLE	71.8	48.0M	59.9M		85	18			172	0	0		0	6.85	2.89	1.60	13	.0	0		9	6	2
DIX DAM	73.9M	48.7M	61.3M		84	19+	33	4	144	0	0	0	0	7.27		2.15	13	.0	0		7	5	4
FALMOUTH 5 WNW	73.0	43.8M	58.4M		85	19+	23	4	214	0	0	2	0	4.68	.80	.95	25+	.0	0		9	3	0
FARMERS 1 WNW	73.4	47.5	60.5	- 4.0	87	18	29	4	165	0	0	2	0	6.40	2.34	1.38	7	.0	0		12	5	2
FLEMINGSBURG 1 SW	71.1	47.9	59.5		84	18	30	4	190	0	0	2	0	5.55		1.50	6	.0	0		8	5	1
FRANKFORT LOCK 4	73.0	46.1	59.6	- 4.9	85	19+	30	4	184	0	0	1	0	6.21	2.28	1.80	7	.0	0		9	4	2
LEXINGTON WSO R	70.3	48.1	59.2	- 5.3	83	24+	32	4	198	0	0	1	0	6.14	2.29	1.81	6	.0	0		10	4	2
MAYSVILLE SEWAGE PLANT	71.6	45.2	58.4	- 5.2	85	25+	31	5+	220	0	0	2	0	4.32	.62	.95	25	.0	0		8	4	0
MOUNT STERLING	72.8	49.5	61.2		86	18	35	4+	152	0	0	0	0	7.09	3.12	2.40	6	.0	0		9	6	2
OWENTON	70.1	49.2M	59.7M		84	18			181	0	0	1	0	5.94		1.20	8	.0	0		8	5	3
RICHMOND	71.7	48.1	59.9		86	25	30	4	183	0	0	1	0	5.78		1.40	13	.0	0		8	5	2
SHELBYVILLE	71.0	46.7	58.9	- 5.5	83	18	34	1	199	0	0	0	0	6.37	2.36	2.37	7	.0	0		9	3	1
WARSAW MARKLAND DAM	71.2	43.1	57.2	- 6.3	85	18	28	5	254	0	0	4	0	4.41	.77	1.73	25	.0	0		10	2	1
WAYNESBURG 7 NE	71.8	48.8	60.3		82	18	32	4	160	0	0	1	0	6.80		3.06	7	.0	0		8	5	2
WILLIAMSTOWN 3 NW	71.7	49.1	60.4	- 4.3	84	17	33	4	164	0	0	0	0	5.46	1.50	1.13	25	.0	0		10	5	2
DIVISION			59.8	- 5.0										5.88	1.99			.0					
* * *																							
EASTERN 04																							
ASHLAND	72.1	44.1	58.1	- 7.3	89	19	28	4	229	0	0	3	0	5.65	1.70	.93	6	.0	0		11	6	0
BARBOURVILLE	74.5	45.7	60.1		86	19	30	5+	166	0	0	2	0	5.84		2.33	7	.0	0		6	4	2
BAXTER	73.8	45.5	59.7		88	19	30	4	178	0	0	2	0	6.76		2.15	7	.0	0		7	5	2
BLAINE	71.8	42.5	57.2		88	19	28	5+	254	0	0	3	0	7.22		2.21	13	.0	0		12	4	2
CUMBERLAND	74.3	42.8	58.6		85	19	25	4	200	0	0	2	0	6.75		1.75	7	.0	0		8	6	3

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 61

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM																							
GRAYSON 5 SE	72.0	42.6	57.3		88	19	27	4	251	0	0	4	0	7.49		1.15	7	.0	0		11	6	3
HEIDELBERG LOCK 14	76.4	46.5	61.5		89	19	27	4	137	0	0	2	0	5.68	1.99	2.32	7	.0	0		8	2	2
HINDMAN 11 NNE																							
HYDEN	72.3M	44.3M	58.3M		86	19	28	5	213	0	0	2	0	8.75		3.41	7	.0	0		9	5	3
JACKSON	74.6	45.7	60.2		91	19	31	5+	174	1	0	2	0	5.79		2.12	7	.0	0		10	4	2
LONDON FAA AP	72.6	47.4	60.0		85	18	29	4	170	0	0	1	0	4.52		1.84	6	.0	0		7	3	1
MANCHESTER 4 SE	74.8	45.3	60.1		85	19+	25	4	165	0	0	2	0	6.26		3.21	7	.0	0		7	3	2
MC KEE	71.7	42.1	56.9		87	19	25	4	259	0	0	4	0	5.86		2.67	7	.0	0		8	3	2
MIDDLESBORO	73.0	45.3	59.2		84	19+	28	5+	189	0	0	2	0	8.63		2.78	7	.0	0		7	5	4
MONTICELLO	75.1	48.3	61.7		86	18	29	4	132	0	0	1	0	4.77		2.09	13	.0	0		6	3	1
MOUNT VERNON	74.9	48.3	61.6		87	19+	30	4	145	0	0	1	0	6.74		2.40	6	.0	0		8	4	2
PIKEVILLE	75.5	49.3	62.4		90	19+	33	4	117	2	0	0	0	7.42	3.41	3.02	6	.0	0		10	5	2
SOMERSET 2 N	74.0	48.0	61.0		86	18	32	4	150	0	0	1	0	7.43		2.27	7	.0	0		7	4	3
STEARNS 1 W	M	M	M							0	0		0	5.88		2.00	13	.0	0		6	4	2
TOMAHAWK 1 WSW	71.8M	42.3M	57.1M		88	19	28	4	254	0	0	4	0	5.86		1.29	7	.0	0		12	4	2
VANCEBURG	74.1	44.7	59.4		88	24+	28	4	195	0	0	2	0	6.14	2.05	1.59	6	.0	0		9	5	2
WEST LIBERTY	72.1	44.5	58.3		88	19	28	5+	219	0	0	3	0	4.88		1.44	13	.0	0		10	4	1
WILLIAMSBURG 1 E	76.7M	48.8M	62.8M	- 3.5	85	19+	34	1	103	0	0	0	0	5.80	1.77	2.21	7	.0	0		7	4	2
DIVISION			59.6	- 5.8										6.37	2.39			.0					

EXTREMES

HIGHEST TEMPERATURE JACKSON	91	DATE	19
LOWEST TEMPERATURE FALMOUTH 5 WNW	23	DATE	04
GREATEST TOTAL PRECIPITATION FRENCHBURG	10.36		
LEAST TOTAL PRECIPITATION SCOTTSVILLE 2 SW	2.42		
GREATEST 1 DAY PRECIPITATION BUCKHORN	3.51	DATE	07

KENTUCKY - MAY 1971

SPECIAL WEATHER SUMMARY

May will be remembered as a wet month despite a dry third week. Temperatures averaged well below normal; at Lexington, it was the fifth coldest May on record. It was especially cold on the morning of the 4th as the mercury dropped into the thirties generally, and to the twenties at a number of locations in the eastern three-quarters of the State.

Heavy rains pushed water levels to near or above flood stage along several eastern and southeastern rivers at the end of the first week of the month. In the southeast, the upper Cumberland again rose to above flood stage at the end of the second week. The lower Ohio River rose to just above flood stage in some areas between Dam 45 and Dam 50, beginning at about the end of the second week of the month. In Pike County, in eastern Kentucky, one person was reported to have drowned while attempting to ford a swift-moving stream. No injuries were reported. At Hazard, hundreds of families were reported to have left their homes temporarily during the high water period, returning after the waters receded from the major roadways leading into Hazard. There was minor to moderate property damage in the east, damage to crops in the southeast along the upper Cumberland River, and damage to crops along the lower Ohio River. The U.S. Department of the Interior Geological Survey, in Water Resources Review for May 1971, indicated that a number of streams in central and eastern Kentucky had 3 to 4 times their median flows for the month.

At least 20 funnel clouds were reported to have been sighted during the month. Two of these touched down to become tornadoes. No serious injuries or fatalities were reported, but there was considerable damage. On the 6th a tornado was reported in the southern Bluegrass, at Danville, and several other locations. On the 24th a tornado touched down in Simpson County, in south-central Kentucky. Thunderstorms were especially numerous on the 6th, 7th, and the 24th. There were a number of reports of damage due to wind, lightning, and hail. On the 7th there was large hail at scattered locations. In Ballard, Kentucky, in the west, hail varied in size from mothball to baseball.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details for these and other events see the accompanying tables; this month's issues of STORM DATA and CLIMATOLOGICAL DATA NATIONAL SUMMARY.

DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	3.27		.33			.07	.12	.91	.05		.05	.06	.25	.05									T	.19	1.06	.13		T				
BEAVER DAM	4.07		.59			.03	.52	.95	.40				.30	.43						.85												
CALHOUN LOCK 2	5.25		.38	.02		T	.34	.95	.30			.32		.92							.02				.09	1.91			T			
COBB	3.42		.42				.25	1.48	.17			T		.82							.10					.18			T			
DAWSON SPRINGS	5.32		.79			T	T	1.86	1.06		T	.05	T	.77											.05	.74						
DUNDEE	-		.47				*	1.16	-			.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNMOR	4.43		.49				.14	1.63	.30			.12	.50	.61	.02						.29				.02	.31						
ELKTON 2 S	6.70		.22				.88	2.65	.48			.11	.70	.80	.10						.03				.03	.70						
FORDS FERRY DAM 50	4.03		.43			T	.36	.62	.52			.06	T	.15							.12			T	.17	1.60			T			
FRANKLIN 1 E	6.06		.18				.12	2.07	.42			.29	.81	.90											T	1.27						
GILBERTSVILLE KY DAM	3.57		.47			.04	.10	1.82	.05		.02		.35	.41										.06	.05	.20		T				
GOLDEN POND 8 N	-		.43				*	1.27	-			.03	.05	.84											.06	.05						
GREENVILLE 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.08						.12						
HARTFORD 6 NW	3.76		.42			.08	.41	.94	.47			.09	.04	1.03							.10				.03	.14			.01			
HENDERSON 7 SSW	4.25		.21		T	.05	1.39	.52	.21		.09	.07	.39							.32			T	.02	.20	.59		.19				
HICKMAN 1 E	3.91		.28			.02	.03	.33	.23		T	.65	1.00	.22						T				T	1.00	.15						
HOPKINSVILLE	5.44		.40				.72	3.00	.04			.03	.35	.71							.03			T	.03	.13						
LOVELACEVILLE	3.11		.42				.22	.88			.05	T	.17											.17	1.20							
MADISONVILLE 1 SE	3.20		.59				.18		.64			.07		.98										T	T	.74						
MAYFIELD RADIO WNGO	3.10		.22			T	.12	.47			.05	.06	1.09	.59											.41	.09		T				
MURRAY	3.26		.18			.03	.62	.54	.05		.02	.36	.83	.41											.16	.06		T				
OWENSBORO 2 W	4.27		.12				.55	1.18	.97			.45		.60						T					.05	.15		.15	.05			
OWENSBORO DAM 46	4.26		.13			.01	.66	.95	1.19			.30	.05	.59							T				.03	.14		.15	.06			
PADUCAH FAA AIRPORT	3.92	.20	.35		T	.05	.46	1.18			.05	.01	.44										T	.09	1.09			T				
PADUCAH SEWAGE PLANT	4.17		.52			.03	.04	1.58	.16			.05	T	.90										T	.22	.67			T			
PARADISE STEAM PLANT R	4.56		.64	.02			.25	1.73	.43			.02	.05	.64							.65				.01	.12			T			
PRINCETON 1 SE	5.02		.65			T	.12	1.75	.27		.04	.01	.21	.58										.10	.07	1.22						
ROCHESTER LOCK 3	3.19		.60	.03			.28	.87	.41	T		.11	.09	.36							.23					.21						
RUSSELLVILLE	8.05		.35				1.35	2.60	.28			.10	.52	1.30	T										.30	1.25						
SEBREE	3.58		.30				.96	.85	.66			.12		.46							.01				.08	.12		.02				
UNIONTOWN DAM 49 //	3.92		.32				.10	1.23	.32			.14	.05	.16							.04			.01	.20	1.17		.12	.06			
* * * CENTRAL 02																																
ADDISON DAM 45 //	4.35		.10	T		T	.70	.79	.25	T		.07	T	.26							1.10				.04	.78		.26				
ALBANY 4 N	4.68		.22					.51	.60				.49	2.25												.61						
ANCHORAGE	7.30		.33			.17	2.11	1.15	.05			.23	.51	.55							.02			T	.18	1.50	.50					
BARDSTOWN	5.81		.10			.05	2.00	.60	.41			.11	.50	.84							.04					.81		.35				
BARREN RIVER RESERVOIR	3.40		.32				.37	.38	.32			T	.44	.79	.04						T				T	.74						
BERNHEIM FOREST	5.38		.05			.08	1.00	1.03	.30			.66	.21	.51							.11					.90		.53				
BOWLING GREEN	6.12		.43				1.27	1.50	.37	T			.62	.78												1.15						
BOWLING GREEN FAA AP	6.43		.38		T	.03	1.95	.85			T	1.18	.51	.19									T		1.34							
BRADFORDSVILLE	4.95		.50				.22	.89	.38			.11	.87	.74							.02					1.22						
BROWNSVILLE	4.90		.55	.02		.02	.36	1.44	.41	.01		T	.40	.86							.11				T	.72						
BURKESVILLE 2 W	4.31		.18	.04				.68	.12			.09	.36	2.52	.05											.27						
CAMPBELLSVILLE 2 SSW	6.95		.45	T		T	1.18	1.36	.36			.16	.58	1.41							.15					1.30						
CANEYVILLE	6.84		.48				1.32	1.53	.94				.19	.65							1.10					.63						
CECILIA	7.65		*	*	*	.27	1.55	1.15	1.07			1.10	.28	.40						.05	.53					1.11		.14				
EDMONTON	4.95		.25				1.10	1.30				.05	.25	1.50							.05					.45						
GAMALIEL 1 S	4.06		.19	T			T	.92	.20			.10	.24	1.71	.06										T	.64						
GLASGOW	5.47		.42				1.48	1.20	.07			.08	.75	.55							.17					.75						
GLASGOW WKAY	6.35		.43			.02	2.36	.83	.06			.10	1.02	.59							.08				.03	.83						
GLENDALE 1 E	6.47		.32				1.65	.76	.80			.04	.44	.33							.40				T	1.68		T	.05			
GREENSBURG	7.09		.39	.04		T	.21	2.43	.29			.05	.51	1.35	T						.22				T	1.60			T			
GREENSBURG HIWAY 61	6.60		.38	.01		T	.14	2.17	.32			.06	.55	1.49	T						.15					1.33						
HODGENVILLE-LINCOLN NP	5.23		.49			T	1.00	1.15	.55			.10	.37	.50							.12					.95		T				
IRVINGTON	5.29		.05			.08	1.50	.73	.28			.18	.24	.75							.32			T		.56		.60				
JAMESTOWN 8 SSW	5.15		.22					1.05	.17	.10		.22	.92	2.00												.47						
LEITCHFIELD 2 N	5.51	T	.43			T	.75	1.26	.96	T		.01	.08	.73	.02						.55				.01	.71			T			
LIBERTY	6.80		.30	.03			.24	2.82	.45				.41	1.61	.19						.20					.55						
LOUISVILLE	5.23		.26			.02	1.30	.99	.07			.11	.22	.58							.28				.06	.77		.57				
LOUISVILLE WSO R	6.15	.01	.21			.10	1.84	.33	.05			.14	.52	.33						.53				T	1.49	T		.60				
LOUISVILLE UPPER GAGE	4.05		.34			.05	.30	1.75	.26			T	.13	.70	.14						.20								.18			
MAMMOTH CAVE PARK	6.04		.58			.03	.41	1.71	.17				1.13	.54												1.47						
MILLERSTOWN	6.71		.72	T		T	.84	1.14	.88			.03	.31	.64							.82				.03	1.29			.01			
MUNFORDVILLE	5.82		.52	T			.54	1.87	.50	T		.02	.53	.68	T						.01				T	1.15			T			
NOLIN RIVER RESERVOIR	6.60		.51	T		T	1.01	.87	.81			.02	.57	1.06	.01						.80				.03	.91			T			
ROUGH RIVER DAM	4.19		.30	T		T	.58	1.07	1.10			.05	.03	.72	T						.12				.05	.05			.12			
SCOTTSVILLE 3 SSW	3.67		.58			.05	.10	.93	.20			.11	.52	.33												.85						
SCOTTSVILLE 2 SW	2.42		.18				.03	.65	.18			.03	.10	.70							T					.55						
SHEPHERDSVILLE	4.98		.15	T		T	.79	.79	.37	.02			.18	1.15	.04						.05				.04	.47		.42	.51			
SUMMER SHADE	3.70		.30			.03	.40	.50	.17			.20	.50	1.05						.01	T					.54						
WOODBURY LOCK 4	4.07		.52			T	.25	.52	.38			.01	1.01	.48							.14				T	.76						
* * * BLUE GRASS 03																																
BEREA COLLEGE	7.37		.39				2.50	1.08	.21			.02	.90	1.52												.75						
BEREA	7.13		.36	.03		.02	.23	2.88	.37	.02			.46	1.63	.23											.75			.15			
CARROLLTON LOCK 1	5.41		.28	T			.75	.75	1.14				.27	.57	.05						.20				.05	1.13		.22				
COVINGTON WSO R	3.31		.23			.08	.40	1.18	T	T		.04	T	.32			T			.01				T	.90	.15		T				
CYNTHIANA	6.33		.23	.14		T	1.33	.92	.65	.12			.27	1.02	.06			.08							T	1.09		.26	.16			
CYNTHIANA 2	6.31		.33				1.25	.88	.68	.09			.14	1.15	.08			.12								1.04		.15	.40			
DANVILLE	6.85		.29			.02	.75	1.52	.52				.77	1.60	.11											.93		.03	.31			
DIX DAM	7.27		.07			T	1.50	1.05	.35			T	.73	2.15	.05						T				T	1.00		.07	.30			
FALMOUTH 5 WNW	4.68		.31	.05			.48	.43	.95	.18			.32	.73	.15			.03							T	.95		.07	.03			
FARMERS 1 WNW	6.40		.26	.18	.02	T	.90	1.38	.20	.02			.55	1.02	.31		T	.25								.78		.19	.34		T	
FLEMINGSBURG	6.27		.18	.35			1.76	.82	.84	.05			.08	.83	.23			T			.03					.73		.07	.30			
FLEMINGSBURG 1 SW	5.55		.40	.06		.66	1.50	.74	.02			.07	.15	.82							.03					.72		.38				
FORD LOCK 10	7.64		.16	T		.14	.86	1.98	.48	T			.75	1.23	.38						.14				T	1.04		.12	.36			
FRANKFORT LOCK 4	6.21		.20	T		.02	.54	1.80	.48	.02			.32	.92	.07										.03	1.19		.38	.24			
GEORGETOWN WATER WORKS	5.24		.20				.70	1.10	.30				.31	1.03	.12											1.07		.41				
GEST LOCK 3	6.44		.30	T		.02	.90	1.08	.89	T			T	1.53	.12						T				.03	1.20		.34	.03			
HIGH BRIDGE LOCK 7	6.90		.07	.03		T	1.38	1.25	.41	T			.57	1.85	.09						.03				T	.80		.06	.36			
KEENE 1 SSW	7.64		.24				1.34	2.51	.24	.04			.50	1.52												.84		.41				
LA GRANGE 1 ESE	7.69		.39	T		.11	2.18	1.07	.41	T		.48	.12	.51						.40	.46			T	.07	1.18		.31				
LANCASTER	6.95		.27				.77	1.56	.45				.63	1.32	.08											1.56			.31			
LEXINGTON WSO R	6.14		.25			.16	1.81	.35	.01			.23	.45	1.21						T				T	.82	.12		.73				
LITTLE HICKMAN LOCK 8	6.88		.08				1.68	.84	.34				.84	1.42	.14											1.24		.07	.23			
LOCKPORT LOCK 2	6.37		.29	T		T	.83	1.24	.85			T	.51	.89	.10										.08	1.25		.33				
MAYSVILLE SEWAGE PLANT	4.32		.30	.18			.75	.38	.53	.09	T		.06	.67	.02			.32								.95		.07				
MIDWAY	6.04		.14			.05	.70	1.40	.28				.25	1.35											.08	1.15		.45	.19			
MOUNT STERLING	7.09		.25			.11	2.40	.63	T			.07	.69	1.13							.23					.93		.65				
OWENTON	5.94		.33	.02		T	1.15	.56	1.20				.42	.82	.06						T				.05	1.03		.27	.03			
RICHMOND	5.78		.20	.04		.02	1.10	.94	.26	.01			.71	1.40	.02										T	.82		.06	.20			
SALVISA LOCK 6	7.25		.13	.05		.06	.72	1.74	.54	.03			.24	1.94	.07										T	1.07		.21	.45			
SHELBYVILLE	6.37		.20	.04		.03	.46	2.37	.30	T			.42	.93	.08						T				.06	.85		.41	.22			
SPRINGFIELD	8.48		T				3.15	1.20	1.05				.71	1.29	T						.11					.97		T				
TAYLORSVILLE	5.03		.30			T	.60	.97	.34				.42	.74							.07				.04	.70		.40	.45			
TYRONE LOCK 5	7.89		.32	.01		.04	.90	2.22	.29	.02			.54	1.49	.08						T				.03	1.03		.48	.44			
VALLEY VIEW LOCK 9	7.43		.12	.09	T	.03	1.13	2.04	.41	T		T	.59	1.33	.14										T	1.16		T	.39			
WARSAW MARKLAND DAM	4.41		.25	.01		T	.33	.36	.83	.16			.15	.27	.12						.12				.02	1.73		.06				

See reference notes following Station Index

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	6.80		.29			T	.26	3.06	.63				.59	1.12	.21											.64						
WILLIAMSTOWN 3 NW	5.46		.37	.01		.55	.65	1.00	.40			.31	.25	.55	.01					T	T				.07	1.13		.16				
* * *																																
EASTERN 04																																
ALLEN	6.46			.30			T	2.40	.30				.25	.93	.71			.06								.51		.20	.80	T		
ASHLAND	5.65		.05	.23			.93	.59	.65	.03			.27	.81	.69			.58								.40		.07	.11		.24	
BARBOURVILLE	5.84			.09		T	T	2.33	.34				.52	1.50	.24											.82						
BAXTER	6.76		T	.11		T	.04	2.15	.73	T			.65	1.92	.33											.81				.02		T
BLAINE	7.22		.09	.56			.61	1.26	.26				.37	2.21	.30			.36								.36		.22	.38		.24	
BUCKHORN	6.70		.07	.12		T	.09	3.51	.49	T			.10	1.25	.43										T	.34			.30	T	T	
BURDINE 2 NE	6.89			.15				3.25	.10	.25	.10		.55	1.59	.10											.75			.05			
CLAY CITY 1 WNW	5.98		.17	T		.10	.80	1.85	.22	.05			.78	.92	.18											.56		.05	.30			
COLLEGE HILL LOCK 11	5.64		.13	T			.83	1.71	.18				.80	1.12	.12										T	.67		.08	T			
CUMBERLAND	6.75		.20	.13	T		1.40	1.75		T	.50	T	1.10	.70	.05		T								T	.85	T		.07			
CUMBERLAND FALLS ST PK	5.64		.14		T	.03	.35	2.33	.14			T	.53	1.29	.04											.79						
DEWEY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELKHORN CITY	7.12		.04	.11			T	3.17	.18	.05	.12	T	.28	1.75	.34	.04						T			T	.74			.16	.03	.11	
FISHTRAP RESERVOIR	6.77			.26	.03		.04	2.80	.20	.03	.04		.37	1.47	.38			.05								.87			.13		.10	
FREEBURN 2 SW	7.19		.01	.20	.02		.39	2.76	.25	.08	.07		.48	1.34	.17		.03	.02								.87	T		.16		.34	
FRENCHBURG	10.36		.30	.80		.80	1.20	2.10	.62	.15			.63	1.20	.16			*	*	*	*	*	*	*	*	1.30		.40	.70			
GRAYSON 5 SE	7.49		.08	.66			1.14	1.15	.65	.03			.43	.80	1.09			.32								.44		.08	.30		.32	
GRAYSON RESERVOIR	-		.02	.69			1.00	1.24	.82				.37	.95	-			.36								.53		.07	.24		.20	
HAZARD WATER WORKS	8.52			.26			.19	2.60	1.17	.03			.59	1.67	.87		.03									1.11						
HEIDELBERG LOCK 14	5.68		.17	.09		T	.38	2.32	.47	.04			.43	1.15	.02											.45			.16			
HINDMAN 11 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HYDEN	8.75			.16			.20	3.41	.25	.28	T		.53	2.08	.74		.04									1.06						
JACKSON	5.79		.05	.10		.02	.20	2.12	.50	.10	T		.23	1.18	.30											.58			.41		T	
JEREMIAH	6.42		.16	.09		T	2.23	1.34	.41	.03			1.31	.04	.03	T										.78			T	T		
LLOYD GREENUP DAM	5.12		.01	.48			.66	.72	.75	.11			.14	.34	.48			.65			.03					.64		.03	T		.08	
LONDON FAA AP	4.52		.15			.06	1.84	.97	T			.11	.56	.47											T	.34			.02			
LOUISA 2	6.45		.05	.30			.60	1.41	.10				.20	1.53	.73			.32								.43			.53		.25	
MANCHESTER 4 SE	6.26		.09	.07			.26	3.21	.41				.12	1.31	.29											.50						
MC KEE	5.86		.23	.07			.20	2.67	.52	.11			.48	1.14	.03											.41			T	T		
META	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLESBORO	8.63			.11			T	2.78	.62	.01			1.09	2.76	.16						.02					1.08						
MONTICELLO	4.77		.19				.03	.94	.46				.27	2.09	.03											.76						
MOUNT VERNON	6.74		.30	T		.03	2.40	.86	.38			.18	.74	1.55											T	.30			T			
ONEIDA	3.49		.11				.29	.91	.35				.15	.95											.03	.40			.30			
PAINTSVILLE 1 S	5.60		.22	T	.25			1.70	.65	.10			.25	1.00	.42			.18								.33		T	.38		.12	
PIKEVILLE	7.42		.19	.13		.07	3.02	.74	.19	T		.12	.57	1.42		.01	.01	.02							T	.68		.13	.03	T	.09	
PINEVILLE 4 NW	7.35		.15	.03			.02	2.06	.66				.99	2.36	.18											.90					T	
RAVENNA LOCK 12	6.41		.22	.06		.03	1.07	1.78	.37	.03			.93	1.08							T				T	.49			.35			
SALYERSVILLE 2 SE	6.14		.19	.20			.16	2.12	.80				.31	1.00	.45			.15								.40			.29		.07	
SOMERSET 2 N	7.43		.08			.04	1.90	2.27	.46			.26	.87	1.22											T	.33						
STEARNS 1 W	5.88			.11				1.93	.74				.10	2.00	.09											.91						
TILFORD	-		-			T	2.18	-	-			*	*	*	2.20											1.20						
TOMAHAWK 1 WSW	5.86		.28	.18			.65	1.29	.48				.20	1.10	.36	.01		.23								.30		T	.57		.21	
VANCEBURG	6.14		.47	.22		.41	1.59	.60	.36			T	.09	1.03				.52								.85						
WEST LIBERTY	4.88		.19	.18			.44	.60	.10	T			.73	1.44	.08		T	.22								.53		T	.32		.05	
WILLIAMSBURG 1 E	5.80		.18					2.21	.61				.45	1.35	.28											.72						
WILLOW LOCK 13	6.82		.21	.20		.20	.86	1.80	.43	.07			.81	1.10	.60		T								T	.30		T	.24			

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages- percent				Number of days with precipitation								
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Tatol	Percent of Possible sunshine	Average sky cover sunrise to sunset
COVINGTON WSO	26	2.7	9.2	26++	19	24	72	75	49	52	6	3	4	1	1	0	15	-	6.7
LEXINGTON WSO	23	2.0	8.8	29++	21	24	77	82	56	57	2	1	6	2	2	0	13	-	6.0
LOUISVILLE WSO	26	2.0	8.5	30	N	06	76	82	50	51	2	2	5	3	2	0	14	63	5.9

See reference notes following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	76	70	65	72	71	79	78	75	77	76	76	69	64	74	77	85	83	83	61	79	80	76	81	81	76	80	77	68	72	79	84	76.3
	MIN	36	51	34	34	58	68	59	54	47	58	58	45	46	40	47	50	55	60	67	48	47	51	55	62	51	47	54	51	42	44	47	50.5
BEAVER DAM	MAX	73	72	62	71	68	78	77	77	76	76	73	72	65	75	78	83	85	84	83	75	76	75	77	82	77	75	75	67	71	78	83	75.5
	MIN	35	50	34	30	54	61	59	53	45	50	59	47	41	38	46	49	53	57	64	53	46	49	55	66	53	45	52	47	42	42	46	49.1
FORDS FERRY DAM 50	MAX	75	60	65	72	70	78	78	70	78	71	73	65	63	74	79	85	85	84	79	77	77	67	76	77	75	73	63	67	71	79	85	73.9
	MIN	40	45	38	37	59	62	57	53	49	55	61	48	47	42	49	53	59	65	58	51	50	53	51	51	53	50	54	50	46	48	51	51.1
GILBERTSVILLE KY DAM	MAX	77	77	66	72	72	80	79	80	80	78	80	75	67	75	83	88	86	83	83	80	81	80	81	78	77	80	77	69	74	84	85	78.3
	MIN	41	51	38	39	57	65	60	55	50	58	60	46	44	45	51	55	63	63	65	53	51	55	58	64	52	50	54	50	48	47	55	53.0
GOLDEN POND 8 N	MAX	65	75	61	68	72	72	78	74	69	76	75	71	63	62	71	76	83	86	83	80	78	78	72	80	82	78	75	70	72	72	78	74.0
	MIN	40	50	37	39	44	52	60	55	55	55	60	59	44	42	45	51	56	59	61	54	50	52	54	57	54	59	55	54	48	49	50	51.6
GREENVILLE 2 W	MAX																	82	82	81	76	75	75	80	80	74	76		75	71	77	82	
	MIN																	55	59	63	54	45	49	57	62	53	45		48	41	42	46	
HENDERSON 7 SSW	MAX	74	67	65	70	67	77	76	70	77	70	72	68	63	74	78	84	83	82	80	76	77	67	72	78	73	74	69	68	71	80	83	73.7
	MIN	39	50	34	34	55	58	59	55	49	55	60	45	45	42	49	56	60	60	64	50	48	52	55	64	49	47	49	45	44	47	50	50.6
HICKMAN 1 E	MAX	77	75	65	71	74	78	79	71	77	79	73	68	64	74	76	84	83	82	80	80	82	79	80	78	77	79	79	70	73	78	84	76.4
	MIN	38	52	38	38	46	58	61	55	46	58	59	45	45	46	47	51	55	60	65	50	49	51	56	63	52	48	46	54	46	44	49	50.7
HOPKINSVILLE	MAX	69	76	63	66	73	70	79	79	68	77	70	75	64	66	72	78	85	85	85	82	81	82	73	82	82	77	81	67	70	75	82	75.3
	MIN	40	40	36	35	36	57	59	54	47	48	56	60	41	41	41	51	53	57	60	57	52	52	57	54	51	48	50	51	47	48	49	49.3
LOVELACEVILLE	MAX	77	73	66	72	71	79	80	71	79	76	73	68	68	76	80	86	85	85	80	79	82	77	82	74	76	81	75	71	75	81	86	76.9
	MIN	35	50	34	33	58	68	59	52	46	56	60	45	45	38	46	48	53	58	62	47	45	50	54	60	50	45	54	52	43	42	45	49.5
MADISONVILLE 1 SE	MAX	75	74	64	70	68	79	76	77	77	72	71	71	65	74	78	84	83	84	84	78	79	79	79	80	73	77	78	70	74	79	84	76.0
	MIN	38	48	36	34	53	63	53	53	56	52	60	44	42	40	42	55	63	60	61	50	50	50	55	65	52	46	51	46	42	45	48	50.1
MAYFIELD RADIO WNGO	MAX	76	72	66	70	74	80	79	78	78	77	75	69	67	74	80	85	85	83	81	79	82	81	81	80	76	83	81	68	73	80	84	77.3
	MIN	36	47	34	34	61	67	60	53	45	56	60	45	45	39	47	50	55	62	63	49	47	48	60	62	51	45	54	54	41	44	41	50.2
MURRAY	MAX	74	70	64	72	74	77	77	69	77	73	71	65	64	72	78	82	84	84	80	79	80	76	83	77	76	82	75	70	73	80	86	75.6
	MIN	40	50	38	41	58	61	60	55	50	58	60	45	44	41	49	55	57	61	63	55	51	52	54	62	52	48	55	54	47	49	50	52.1
OWENSBORO 2 W	MAX	74	72	66	72	67	77	76	69	75	73	71	69	65	75	78	83	83	83	61	77	78	76	73	83	72	74	68	70	75	81	85	74.9
	MIN	39	50	37	35	55	63	59	57	49	55	60	48	45	43	52	52	60	60	63	52	49	55	57	66	52	48	52	47	49	49	50	51.9
PADUCAH FAA AIRPORT	MAX	78	62	65	70	71	80	78	69	76	75	71	64	65	73	77	84	83	82	78	77	80	69	79	74	76	77	65	69	71	77	84	74.2
	MIN	38	42	37	36	60	64	59	55	47	58	62	47	48	43	50	54	57	62	61	50	49	54	57	56	50	49	54	50	46	45	49	51.3
PADUCAH SEWAGE PLANT	MAX	67	78	62	65	72	73	81	79	70	72	75	72	63	65	74	79	81	85	84	80	79	81	69	81	77	77	77	64	68	72	80	74.3
	MIN	39	41	38	36	39	63	59	54	49	50	60	60	44	41	42	52	54	61	63	49	49	51	57	56	50	49	52	52	47	46	46	50.0
PRINCETON 1 SE	MAX	74	75	63	70	68	78	75	76	75	75	71	70	63	72	76	82	83	83	82	79	77	76	80	80	73	77	76	67	71	79	82	75.1
	MIN	36	50	34	33	58	65	59	54	45	54	62	44	43	39	47	49	56	60	62	51	48	50	53	64	52	46	53	48	45	45	47	50.1
ROCHESTER LOCK 3	MAX	67	74	65	63	70	70	78	76	68	76	74	72	64	65	74	75	83	83	82	81	77	77	70	80	81	73	77	63	69	72	79	73.5
	MIN	37	42	38	33	35	56	48	55	48	49	52	59	42	41	45	48	50	58	62	55	47	49	52	57	54	47	51	49	42	44	47	48.1
RUSSELLVILLE	MAX	66	73	62	62	70	70	79	78	68	75	73	75	65	64	72	76	81	84	84	82	77	78	72	80	81	74	79	68	69	72	79	73.8
	MIN	35	38	35	31	35	61	58	55	46	51	56	60	41	36	42	49	56	61	63	56	46	48	54	64	53	46	52	50	42	45	47	48.8
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	72	69	62	69	67	69	70	70	75	79	75	74	64	76	75	83	86	84	84	77	75	71	73	81	79	74	70	67	70	79	84	74.3
	MIN	35	49	38	33	45	58	56	54	47	48	56	44	40	39	46	52	56	57	57	53	46	46	43	63	53	47	49	43	47	45	48	48.2
BARDSTOWN	MAX	72	69	61	71	70	75	75	73	74	78	78	73	62	73	76	82	85	86	84	77	75	73	76	84	80	75	70	66	69	78	83	74.9
	MIN	32	51	35	29	52	55	58	52	46	46	57	46	41	38	46	48	55	56	60	53	44	43	43	60	54	44	49	45	46	45	44	47.5
BARREN RIVER RESERVOIR	MAX	64	73	64	64	71	71	78	78	68	77	78	79	67	64	74	75	82	85	85	84	79	74	73	82	82	74	80	68	68	72	80	74.6
	MIN	33	35	35	30	31	59	60	54	44	45	53	60	43	40	41	53	54	56	56	57	45	44	55	52	53	46	47	52	41	42	47	47.2
BERNHEIM FOREST	MAX	72	73	62	68	69	77	71	75	75	79	79	75	65	75	76	82	86	86	85	79	76	75	75	83	82	75	73	68	72	80	83	75.8
	MIN	33	49	33	29	51	59	57	52	46	46	55	46	41	37	45	50	54	56	63	53	44	43	42	60	52	45	49	42	41	43	46	47.2
BOWLING GREEN FAA AP	MAX	74	60	60	70	70	79	78	67	75	77	77	67	64	73	75	82	85	85	83	77	77	73	82	82	75	79	65	68	71	79	80	74.5
	MIN	37	40	37	33	58	61	57	51	47	50	59	45	43	40	50	53	56	57	63	54	50	50	55	63	54	50	54	51	46	49	49	50.4
BRADFORDSVILLE	MAX	64	70	62	61	66	74	76	75	71	75	79	77	68	66	74	76	80	83	84	82	77	75	71	81	83	74	76	62	68	72	78	73.5
	MIN	31	44	37	27	47	58	58	51	40	44	54	61	42	34	44	41	52	50	57	55	42	40	49	59	54	43	48	47	40	45	42	46.3
CAMPBELLSVILLE 2 SSW	MAX	70	70	60	66	68	76	75	73	72	78	76	73	54	71	73	78	83	84	84	72	75	70	80	84	79	75	74	65	72	76	75	73.6
	MIN	37	50	35	34	55	59	59	53	47	44	58	50	42	37	49	50	55	60	64	58	49	48	46	67	50	48	51	47	45	46	48	49.7
CECILIA	MAX	71	69	64	69	67	74	75	71	74	77	75	73	63	74	75	82	83	83	82	76	74	70	76	81	80	74	74	70	76	75	82	74.5
	MIN	35	40	36	31	59	58	58	54	48	49	57	45	41	38	49	48	56	57	63	54	49	46	45	63	53	45	50	46	45	46	51	48.9
GLASGOW WKAY	MAX	72	70	59	70	70	76	75	74	74	76	76	70	62	72	73	81	84	85	83	79	74	71	81	83	78	76	75	64	68	76	83	74.5
	MIN	36	48	34	30	55	59	58	54	44	48	57	50	42	37	47	48	52	54	59	55	45	47	51	66	53	45	52	49	44	48	46	48.8
GREENSBURG	MAX	65	73	64	62	70	70	78	78	71	76	81	80	68	62	76	74	82	86	86	85	79	79	72	84	85	75	78	60	68	73		74.7
	MIN	36	38	36	32	35	53	59	53	45	47	50	59	43	38	40	49	53	54	57	57	47	47	45	48	50	47	51	49	47	47		47.1
HODGENVILLE-LINCOLN NP	MAX	71	71	61	69	69	78	73	74	74	77	77	77	59	72	75	79	85	84	83	82	75	75	78	83	83	74	74	65	70	77	81	75.0
	MIN	35	49	34	31	51	60	56	52	46	50	58	49	41	40	49	51	55	58	60	54	46	48	45	63	51	46	51	46	42	46	46	48.7
IRVINGTON	MAX	65	71	59	68	69	75	73	72	74	75	76	71	63	71	75	82	84	83	82	74	75	75	72	81	80	71	72	65	69	79	80	73.6
	MIN	32	50	34	28	52	56	59	52	44	48	48	45	40	37	46	46	53	60	62	51	42	49	46	63	52	43	49	43	40	41	44	46.9
JAMESTOWN 8 SSW	MAX																																
	MIN	38	48	35	33	38			53	50		48	58	43	42	48	53	56	58	62	60	48	50	52	65	54	52	54	43	47	50	50	49.6
LEITCHFIELD 2 N	MAX	72	70	59	69	67	76	76	75	74	75	75	67	65	74	78	83	85	84	83	76	76	72	76	82	76	75	72	67	71	78	83	74.5
	MIN	35	49	37	30	53	63	58	54	48	48	57	46	41	38	47	55	55	54	55	55	45	47	48	65	54	47	52	47	45	45	45	49.0
LOUISVILLE	MAX	73	73	62	69	70	71	71	71	75	79	78	77	60	72	76	83	85	86	84	84	75	74	73	81	81	72	75	68	73	80	84	75.3
	MIN	43	46	41	41	55	54	58	57	53	55	60	44	42	43	52	52	58	58	62	59	52	52	51	63	55	52	50	47	49	53	55	52.0
LOUISVILLE WSO	MAX	73	59	62	68	68	71	71	69	74	77	76	66	63	73	75	81	85	85	83	75	75	69	72	83	67	73	64	67	71	78	82	72.7
	MIN	37	44	40	34	53	59	58	55	50	51	59	46	42	42	50	52	57	58	61	56	49	48	47	62	55	50	49	45	47	50	50	50.2

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	73	71	61	69	68	77	75	75	74	76	76	67	63	72	74	80	83	84	82	76	75	74	80	81	80	79	75	67	70	78	81	74.7
	MIN	35	48	34	29	51	59	59	53	44	47	55	49	42	35	47	50	53	58	64	56	44	46	50	66	45	43	51	48	41	45	45	48.1
NOLIN RIVER RESERVOIR	MAX	63	73	60	62	70	70	79	77	68	77	76	77	66	65	74	75	83	84	84	82	77	77	72	81	82	73	77	62	68	73	79	73.7
	MIN	34	35	35	29	31	56	58	54	43	43	47	55	42	36	36	46	49	52	60	54	44	45	49	55	51	43	45	49	39	42	41	45.1
ROUGH RIVER DAM	MAX	66	73	59	64	71	69	76	75	69	77	77	73	64	66	76	78	83	84	83	82	77	79	71	77	82	72	75	61	69	73	81	73.6
	MIN	35	37	34	32	32	58	58	53	47	48	52	59	40	40	42	48	53	59	64	53	44	48	53	55	54	44	48	45	42	43	44	47.2
SCOTTSVILLE 3 SSW	MAX	71	68	60	71	69	77	77	76	74	74	76	66	61	71	72	79	83	84	82	78	75	72	81	81	77	77	74	66	69	76	83	74.2
	MIN	40	49	36	36	56	64	58	54	49	53	59	52	43	41	48	54	57	59	62	57	51	52	55	66	53	51	54	51	46	48	51	51.8
SUMMER SHADE	MAX	70	67	60	68	70	77	76	70	72	75	77	66	60	72	71	78	82	82	80	76	75	72	80	82	79	76	71	65	72	77	81	73.5
	MIN	35	48	30	30	53	60	60	54	45	48	57	50	43	40	50	49	52	55	55	58	45	47	50	61	52	45	55	50	46	55	46	49.2
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	70	69	57	66	69	70	72	74	71	79	77	75	66	72	72	79	85	86	85	84	72	69	80	84	84	77	75	62	69	77	83	74.5
	MIN	37	37	39	34	51	57	58	55	47	49	58	54	42	40	51	54	59	59	65	60	43	46	48	64	56	49	52	47	46	52	50	50.3
CARROLLTON LOCK 1	MAX	72	70	61	66	65	68	67	70	73	77	75	71	61	72	76	81	85	85	83	80	75	74	72	82	82	70	70	64	70	78	81	73.4
	MIN	33	50	40	31	43	60	57	55	46	47	51	47	39	39	46	49	55	56	59	53	46	43	41	57	52	45	49	41	44	45	46	47.3
COVINGTON WSO	MAX	73	60	61	66	65	73	63	71	72	78	70	64	63	74	77	82	86	85	85	77	76	70	74	85	66	69	63	68	74	80	84	72.7
	MIN	33	42	41	30	47	62	57	50	44	50	60	49	42	40	51	53	54	59	57	50	46	46	46	61	55	52	48	44	51	50	47	48.9
CYNTHIANA 2	MAX	64	69	61	59	65	66	67	70	73	83	78	80	69	62	73	74	78	84	84	83	77	78	78	75	84	70	73	67	67	72	80	73.0
	MIN	31	44	37	27	36	53	50	52	52	44	47	57	42	35	36	46	46	52	53	53	44	40	37	44	55	46	46	41	43	47	44	44.5
DANVILLE	MAX	62	70	61	59	68	69	65	75	69	73	78	77	68	57	71	72	79	85	84	82	77	76	70	78	84	72	74	58	65	71	77	71.8
	MIN	37	40	37		39	52	55	53	49	50	50	57	41	39	39	50	53	57	59	58	51	45	44	44	54	48	48	47	46	47	52	48.0
DIX DAM	MAX	69	70	58	65	71	69	69	79		76	78	77	55	69	73	76	84	84	84	82	76	76		83	83	74	74	62	69	76	82	73.9
	MIN	36	48	35	33	50	55	57	53		47	58	50	40	39	35	51	58	57	62	58	50	46		46	54	49	50	45	47	54	50	48.7
FALMOUTH 5 WNW	MAX	70	67	59	64	64	68	68	71	72	78	74	71	62	74	75	80	85	85	85	79	75	73	74	75	80	71	66	66	71	78	83	73.0
	MIN	28	44	38	23	36	60	54	53	39	45	52	45	40	33	42	44	53	51	54	47	41		34	58	54	40	48	34	40	45	40	43.8
FARMERS 1 WNW	MAX	68	66	57	62	69	70	72	73	72	79	74	69	54	74	74	78	81	87	84	82	75	76	76	84	80	72	69	68	69	78	82	73.4
	MIN	32	47	43	29	42	59	55	53	40	47	52	53	44	37	45	50	52	53	56	57	45	39	40	60	59	48	49	49	46	44	46	47.5
FLEMINGSBURG 1 SW	MAX	66	65	55	62	65	65	68	65	70	76	72	67	56	70	70	77	83	84	82	79	74	71	73	83	80	70	70	64	67	75	79	71.1
	MIN	31	46	37	30	44	58	54	53	43	51	58	49	42	36	49	51	52	56	59	55	47	42	45	62	56	50	49	40	47	50	44	47.9
FRANKFORT LOCK 4	MAX	65	71	61	62	67	70	70	71	72	75	78	75	68	64	70	75	81	85	85	83	77	77	71	76	84	70	73	67	68	72	80	73.0
	MIN	34	39	37	30	34	52	56	54	47	42	50	58	42	40	40	49	50	54	59	54	47	43	41	48	50	48	50	45	43	48	46	46.1
LEXINGTON WSO	MAX	67	59	57	63	68	66	70	66	71	74	73	66	58	70	69	76	80	83	82	74	74	68	74	83	70	71	61	64	68	75	80	70.3
	MIN	34	41	33	32	48	56	54	49	46	49	59	44	40	38	48	49	56	59	61	55	47	45	46	62	52	49	48	43	46	51	50	48.1
MAYSVILLE SEWAGE PLANT	MAX	63	70	61	57	63	65	68	69	69	72	78	70	69	61	74	73	81	85	85	84	76	75	70	75	85	68	71	65	68	70	79	71.6
	MIN	33	36	40	31	31	49	55	55	41	42	50	54	42	39	41	46	50	54	56	56	47	42	39	42	57	47	47	39	45	50	46	45.2
MOUNT STERLING	MAX	69	68	55	65	69	66	66	70	73	77	75	73	53	71	70	79	85	86	83	82	75	73	75	84	81	73	71	64	69	76	82	72.8
	MIN	35	45	37	35	49	58	56	52	47	50	57	52	42	40	50	52	56	58	60	60	51	46	43	60	56	49	48	42	49	52	48	49.5
OWENTON	MAX	61	69	57	58	64	65	67	65	68	71	78	73	63	60	74	75	79	84	83	82	76	74	68	74	82	64	69	64	65	70	72	70.1
	MIN	35	46	39		37	53	56	55	51	52	54	60	40	41	42	55	58	61	63	53	51	46	47	48	53	48	48	42	44	52	46	49.2
RICHMOND	MAX	61	70	64	58	66	70	66	72	68	73	77	77	67	53	70	72	80	84	85	84	79	75	70	78	86	74	75	58	65	70	77	71.7
	MIN	35	49	36	30	40	54	56	51	46	50	56	56	41	37	45	50	56	56	60	59	48	43	46	52	54	46	49	45	48	51	47	48.1
SHELBYVILLE	MAX	61	70	59	60	67	67	69	70	69	73	77	73	66	62	71	75	80	83	82	80	75	74	69	73	81	68	72	64	65	70	77	71.0
	MIN	34	36	37	35	38	51	55	54	46	49	51	57	40	40	40	50	50	58	59	53	50	46	44	44	53	48	48	44	44	48	47	46.7
WARSAW MARKLAND DAM	MAX	62	72	55	59	68	67	70	64	70	71	70	78	65	62	75	77	82	85	84	83	75	74	68	75	83	65	69	65	65	71	78	71.2
	MIN	32	31	33	31	28	41	57	55	44	44	47	50	42	37	36	45	49	53	55	54	44	39	39	45	55	45	45	37	39	43	41	43.1
WAYNESBURG 7 NE	MAX	67	65	58	65	68	72	72	72	71	77	76	69	54	70	71	78	81	82	81	78	72	68	78	81	76	73	65	63	68	75	80	71.8
	MIN	36	47	37	32	49	55	57	50	44	49	55	53	41	36	52	49	54	54	61	58	48	48	47	61	52	45	49	46	46	52	49	48.8
WILLIAMSTOWN 3 NW	MAX	68	64	60	64	64	66	64	69	70	77	72	72	60	72	75	79	84	83	81	75	75	70	73	81	78	70	65	63	70	78	82	71.7
	MIN	37	46	37	33	50	58	56	53	48	54	58	44	39	40	54	53	54	60	63	53	48	44	45	60	50	47	48	41	48	50	50	49.1
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	64	70	65	56	64	64	67	67	67	74	78	70	71	54	73	76	81	86	89	88	78	77	71	79	86	73	74	65	64	66	79	72.1
	MIN	31	38	38	28	29	42	53	52	42	39	43	45	44	36	41	49	49	49	51	56	48	44	35	48	61	49	49	43	45	47	43	44.1
BARBOURVILLE	MAX	69	72	65	59	69	75	77	76	69	73	79	79	72	50	78	72	80	85	86	85	78	77	74	84	84	76	79	75	66	70	78	74.5
	MIN	36	34	41	30	30	47	58	52	50	42	42	55	49	44	44	50	50	50	52	54	46	42	41	42	58	46	46	48	45	46	48	45.7
BAXTER	MAX	69	72	69	55	68	73	70	74	69	72	78	79	67	56	75	69	79	85	88	86	81	78	75	84	84	76	78	78	59	66	77	73.8
	MIN	35	35	42	30	31	41	55	51	49	43	44	50	54	43	43	47	49	49	51	54	45	42	41	43	61	46	46	46	48	48	48	45.5
BLAINE	MAX	65	70	64	55	66	64	64	70	61	72	78	72	71	51	73	75	81	85	88	87	79	77	71	79	85	75	76	61	68	66	78	71.8
	MIN	29	33	39	28	28	44	52	49	40	37	36	47	44	39	40	44	50	49	49	51	45	38	37	37	59	45	45	45	45	50	42	42.5
CUMBERLAND	MAX	69	69	69	63	68	72	68	66	65	77	77	77	68	79	72	77	81	84	85	84	79	74	79	82	81	75	76	72	64	73	79	74.3
	MIN	30	38	33	25	38	51	52	45	40	38	43	52	45	38	42	50	50	42	49	50	40	37	39	47	56	37	42	44	48	48	39	42.8
DEWEY DAM	MAX																																
	MIN																																
GRAYSON 5 SE	MAX	65	70	64	56	65	64	64	70	68	74	78	70	70	53	73	74	82	86	88	86	78	78	71	79	86	73	75	63	66	65	79	72.0
	MIN	29	31	38	27	28	41	53	52	39	39	39	47	42	34	40	45	50	50	50	53	46	38	36	38	62	47	48	43	45	49	42	42.6
HEIDELBERG LOCK 14	MAX	71	71	63	66	73	73	72	75	73	79	79	76	71	72	74	80	85	88	89	86	76	76	80	84	83	79	78	67	68	78	84	76.4
	MIN	32	43	42	27	41	56	51	50	41	42	50	60	45	39	44	52	51	51	52	58	44	40	38	49	59	44	48	49	45	54	44	46.5
HINDMAN 11 NNE	MAX																																
	MIN																																
HYDEN	MAX	64	69	64	53	66	75	72	74	67	71	77	79	71	50	71	72	78	84	86	84	80	75	71	80	84	74	76	72	63	66		72.3
	MIN	34	34	42	30	28	44	56	50	47	42	42	49	46	43	41	45	45	49	51	53	47	42	40	40	55	45	45	49	48	48		44.3
JACKSON	MAX	68	73	66	56	69	73	65	74	66	72	81	78	70	51	76	74	82	89	91	89	81	81	75	81	87	77	81	63	70	71	82	74.6
	MIN	35	35	43	31	31	45	56	52	46	43	44	51	46	42	43	47	53	53	53	55	47	43	39	40	58	47	47	48	47	48	49	45.7

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	68	62	57	65	71	75	75	65	72	76	77	68	58	71	71	77	83	85	83	75	75	71	80	82	74	75	70	64	68	76	81	72.6
	MIN	34	42	34	29	48	58	57	46	41	43	55	53	41	40	49	48	52	52	55	53	48	43	42	62	52	46	49	49	50	52	45	47.4
MANCHESTER 4 SE	MAX	69	69	59	65	74	74	75	74	71	77	78	74	71	71	73	77	83	85	85	83	75	74	80	83	80	76	76	65	67	76	81	74.8
	MIN	32	41	40	25	38	55	56	48	48	40	49	58	40	39	44	52	49	49	51	55	44	38	38	51	58	39	46	49	43	43	45	45.3
MC KEE	MAX	63	69	61	55	66	73	73	73	65	70	77	77	68	52	72	72	78	84	87	85	75	73	70	80	84	74	77	62	65	67	76	71.7
	MIN	30	32	39	25	27	47	57	47	39	40	41	52	43	35	36	46	49	48	50	55	42	38	34	38	55	41	44	48	42	43	42	42.1
MIDDLESBORO	MAX	66	67	64	58	68	73	72	74	72	73	76	76	68	55	74	67	77	84	84	83	80	76	74	81	83	76	78	79	63	67	76	73.0
	MIN	35	35	36	28	28	47	57	57	47	41	42	52	53	42	42	49	48	48	52	54	44	40	41	45	59	45	47	48	46	50	45	45.3
MONTICELLO	MAX	71	68	59	69	71	78	75	73	74	79	79	71	62	72	74	78	84	86	84	79	77	73	83	84	80	77	75	65	69	77	82	75.1
	MIN	33	45	39	29	53	59	58	53	45	45	57	60	44	37	45	46	50	53	59	55	44	42	45	65	54	46	50	49	45	48	45	48.3
MOUNT VERNON	MAX	68	68	59	66	70	75	74	73	72	79	79	76	59	74	74	78	83	87	87	83	75	73	80	84	82	75	75	64	70	77	82	74.9
	MIN	35	38	39	30	52	55	57	52	42	44	55	58	43	34	46	52	57	53	63	60	46	43	42	62	55	46	49	48	45	51	45	48.3
PIKEVILLE	MAX	74	67	55	68	75	65	70	70	71	81	76	72	59	74	71	83	88	90	90	83	80	75	83	89	80	82	76	64	65	78	86	75.5
	MIN	36	44	42	33	46	56	56	53	53	46	48	58	47	44	47	51	52	53	54	57	49	43	40	56	61	47	50	51	52	54	48	49.3
SOMERSET 2 N	MAX	71	68	59	66	70	76	75	70	73	78	77	71	55	72	72	79	82	86	83	79	75	72	81	82	80	77	75	63	67	76	83	74.0
	MIN	34	39	37	32	48	57	57	51	45	41	55	55	43	36	49	48	53	54	61	58	46	45	44	62	55	44	49	48	47	52	42	48.0
STEARNS 1 W	MAX	69	63	58	58	72	78	73	74	73	77	77	79	67									73		81	84	75	74	65	68		76	
	MIN							56	45	43	44		45										41		42		49	50	41	50	45		
TOMAHAWK 1 WSW	MAX	63	72	56	54	65	72	64	71	67	73	78	74	73	49	71	74	82		88	87	82	78	71	79	85	76	79	59	67	66	78	71.8
	MIN	30	31	40	28	31	43	53	50	42	37	38	45	45	41	41	44	51		47	50	45	38	34	43	55	44	44	47	45	45	42	42.3
VANCEBURG	MAX	69	65	56	65	64	67	67	68	71	78	75	72	66	74	76	82	85	88	86	82	75	72	77	88	86	74	71	66	69	78	84	74.1
	MIN	29	37	39	28	38	56	53	52	39	42	52	48	43	33	42	43	49	49	52	56	44	39	35	56	55	48	50	49	39	48	42	44.7
WEST LIBERTY	MAX	65	70	62	54	64	70	64	71	72	71	79	75	70	52	72	72	80	85	88	85	77	76	76	78	85	74	75	60	66	70	78	72.1
	MIN	32	33	40	28	28	49	55	51	44	44	49	54	44	38	38	48	49	51	53	53	45	40	40	42	55	46	46	47	47	45	45	44.5
WILLIAMSBURG 1 E	MAX	71	68	62	70	75	76	76	76	74	78	78	75	69	73	72	79	84	85	85	84	77	76	81	83	82	78				78	83	76.7
	MIN	34	46	48	40	49	58	57	57	49	37	55	59	44	43	42	51	50	53	55	57	45	44	43	59	54	47				45	46	48.8

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.20	.26	.21	.17	.23	.10	.26	.34	.06	.24	.11	.07	.05	.19	.20	.14	.31	.33	.31	.21	.28	.23	.11	.17	.30	.17	.21	.10	.19	.20	.25	6.20
	WIND	38	63	91	52	72	130	85	87	35	22	41	52	45	35	27	17	55	75	94	63	29	22	44	84	129	80	32	39	37	28	21	1724
	MAX	77	77	67	70	76	75	78	78	73	84	69	72	62	76	81	81	89	87	86	83	85	86	72	78	80	79	88	69	77	83	89	78.3
	MIN	47	46	40	39	42	53	60	56	55	55	58	61	44	46	49	56	58	61	61	60	56	55	56	55	54	54	54	52	51	52	53	52.9
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.21	.27	.26	.10	.32	.37	.13	.30	.11	.19	.12	.07	.34	.26	.21	.22	.19	.26	.29	.16	.38	.29	.32	.04	.27	.38	.32	.16	.15	.32	.19	7.20
	WIND	29	65	78	59	52	107	58	86	45	23	23	48	56	37	20	30	41	48	53	53	33	23	12	53	117	97	46	24	36	28	28	1508
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	*	*	.57	.17	.21	.09	.26	*	*	.37	.30	.11	-	.05	*	.30	.20	.30	.30	.20	.27	.26	*	.27	-	.20	.37	.10	*	*	.60	5.888
	WIND	*	*	208	65	37	71	61	*	*	109	43	36	81	26	*	42	17	28	28	42	39	33	*	102	93	61	69	44	*	119	21	1475
	MAX	-	-	81	66	77	67	67	-	-	83	87	76	70	61	-	-	90	94	93	90	87	87	-	83	85	78	83	64	-	-	88	79.9
	MIN	-	-	40	40	41	52	58	-	-	56	55	60	42	42	-	-	46	47	65	65	57	53	-	49	59	57	56	49	-	-	49	51.7
* * * EASTERN 04																																	
BUCKHORN	EVAP	.05	.17	.19	.10	.19	.07	-	-	.02	.15	.17	.03	.03	.16	.10	.10	.12	.19	.28	.21	.21	.28	.20	.18	.30	.22	.29	.32	.09	.11	.21	5.078
	WIND	20	32	97	46	30	71	36	38	22	23	10	25	4	49	12	9	28	24	28	35	25	30	17	17	114	77	38	24	16	32	26	1055
	MAX	82	88	65	55	73	77	63	81	76	73	86	85	74	62	90	81	83	86	99	96	94	95	94	85	84	90	96	85	78	81	81	81.9
	MIN	46	46	43	40	40	49	58	46	55	52	51	57	56	47	47	55	59	59	61	60	56	54	53	52	51	54	53	55	53	53	55	52.1

DAILY SOIL TEMPERATURES

KENTUCKY
MAY 1971

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	62	62	61	61	62	60	61	62	64	65	66	64	64	63	64	67	69	70	71	73	73	72	68	70	71	70	75	65	66	70	71	66.5
		MIN	54	55	54	52	59	58	60	61	58	60	64	63	58	56	60	61	65	65	66	66	64	64	63	65	66	62	63	61	61	63	63	61.0
	20	5PM	58	58	58	58	58	58	59	60	60	60	61	61	61	61	61	61	62	63	64	64	64	63	65	65	65	65	65	65	64	63	64	61.7
BEREA COLLEGE	4	MAX	61	66	59	64	65	62	60	63	68	69	70	70	65	61	67	70	72	74	74	74	72	71	69	72	72	75	75	66	67	72	74	68.4
		MIN	51	56	57	53	59	60	58	60	59	60	59	65	57	51	61	62	65	67	70	70	69	65	64	68	67	65	66	63	63	65	65	61.9
	20	5PM	59	59	59	58	59	59	60	61	61	61	62	62	62	60	61	61	63	64	65	61	61	65	66	71	67	66	67	66	66	66	66	62.7
CAMPBELLSVILLE 2 SSW	4	MAX	65	62	63	64	59	68	65	68	67	68	68	65	63	65	65	64	72	74	77	72	75	70	66	71	70	71	66	67	72	72	73	68.0
		MIN	55	56	53	54	58	59	56	58	56	57	65	63	55	55	58	59	62	63	67	67	67	65	60	66	65	63	64	62	60	60	62	60.3
	20	6PM	57	56	56	56	56	56	57	58	58	58	60	60	59	58	58	60	60	63	64	64	64	65	64	64	65	65	64	64	64	63	62	60.6
CUMBERLAND GAP PARK	4	MAX	63	63	63	59	60	60	63	64	63	66	66	65	62	66	66	66	68	71	73	72	70	72	80	71	72	72	73	72	65	67	71	67.2
		MIN	55	55	55	51	57	56	59	62	58	57	61	62	60	56	59	59	61	63	65	65	62	61	61	65	65	64	65	65	63	60	62	60.3
	20	5PM	57	57	57	56	56	57	57	58	58	58	59	60	59	59	59	59	59	60	62	63	63	63	63	63	64	64	65	65	64	63	64	60.4
FLEMINGSBURG 1 SW	4	MAX	57	56	55	53	53	57	57	58	60	62	63	60	60	59	59	61	63	64	65	64	64	65	63	63	63	63	63	60	60	69	71	61.0
		MIN	50	53	51	49	51	53	57	57	56	57	60	60	56	54	57	57	60	61	62	62	60	60	58	60	61	60	60	58	58	59	61	57.4
	20	6PM	51	51	51	51	51	51	52	53	53	53	54	55	55	54	54	55	55	56	57	57	58	58	57	58	58	58	58	58	57	57	58	55.0
GLASGOW WKAY	4	MAX	60	59	59	61	61	60	62	62	64	64	64	64	62	63	65	67	68	69	69	70	70	69	68	68	68	69	69	67	67	69	71	65.4
		MIN	54	55	54	53	57	58	60	60	60	60	62	62	59	57	60	62	63	64	66	65	64	64	65	66	65	63	64	63	62	60	62	60.9
	20	6PM	56	56	56	56	56	56	57	57	58	58	59	59	59	59	59	59	60	61	62	62	62	62	62	62	62	62	62	62	62	62	63	59.6
GREENVILLE 2 W	4	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	74	73	75	81	74	74	77	72	74	-	75	69	73	75	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	68	68	68	67	67	67	68	65	65	-	65	62	63	65	-
	20	5PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	62	63	69	64	65	64	64	54	64	-	64	53	64	62	-
HENDERSON 7 SSW	4	MAX	61	60	60	60	58	61	63	63	64	65	63	64	62	63	63	65	68	68	68	67	67	67	64	65	66	68	62	63	69	69	69	64.4
		MIN	56	58	56	55	57	58	61	62	61	63	63	61	60	59	61	62	64	65	66	64	63	63	63	64	63	62	59	62	62	63	65	61.3
	20	6PM	55	56	56	56	56	56	57	58	58	59	59	59	59	58	58	59	59	60	61	61	61	61	61	61	61	61	61	61	61	61	61	59.1
IRVINGTON	4	MAX	64	63	61	61	63	64	63	65	68	68	68	67	65	66	67	69	71	71	71	71	72	71	71	67	68	67	69	65	66	68	69	67.1
		MIN	54	57	52	51	57	57	60	60	59	59	60	62	56	56	59	60	62	64	66	64	62	64	67	64	63	60	62	60	59	64	61	60.0
	20	4PM	53	53	53	52	52	53	54	55	55	55	56	56	57	56	56	57	58	58	59	60	60	60	60	60	60	61	60	60	59	59	61	57.0
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	81	70	64	76	66	70	71	75	81	84	75	72	62	85	76	86	89	94	91	92	92	88	88	90	73	80	75	70	75	89	94	79.8
		MIN	39	44	40	35	48	58	57	53	50	51	57	50	45	41	52	54	57	56	61	59	53	50	49	63	57	51	53	48	48	55	52	51.2
	2	MAX	75	65	59	71	62	67	67	71	71	79	73	69	67	78	72	81	84	88	81	87	86	83	81	85	71	76	71	67	69	82	88	75.0
		MIN	43	47	43	38	50	59	58	55	52	53	58	52	46	44	54	55	57	57	62	62	56	54	53	64	58	53	55	50	51	56	54	53.2
	4	MAX	67	62	57	64	59	63	65	66	70	71	68	65	57	70	67	74	77	70	79	79	79	76	75	79	70	71	66	64	65	75	80	69.4
		MIN	47	48	46	42	53	58	58	57	54	56	59	55	48	47	55	57	60	61	64	64	59	58	56	65	62	57	57	53	53	57	57	55.6
	8	MAX	62	59	55	50	57	61	62	63	66	67	65	63	58	65	64	69	72	74	74	74	73	72	70	74	70	68	64	62	63	69	73	65.7
		MIN	50	52	49	46	50	57	58	58	55	57	59	58	50	50	57	58	61	62	65	65	62	61	59	65	64	59	59	56	55	58	60	57.3
(SOD)	1	MAX	61	58	56	59	57	61	62	62	64	67	65	64	57	65	64	69	71	71	71	70	69	69	69	70	67	69	65	64	65	67	73	65.2
		MIN	50	53	50	47	48	57	58	58	56	57	60	57	50	51	57	48	60	62	64	64	61	60	59	63	63	60	60	58	58	60	60	57.1
	2	MAX	60	59	56	59	57	60	61	62	75	66	64	63	58	65	64	68	70	70	70	70	69	68	63	70	67	69	65	64	65	69	72	65.1
		MIN	51	52	51	48	53	47	58	58	56	58	61	58	52	51	58	59	62	63	64	64	62	61	60	63	63	61	60	59	59	61	61	57.9
	4	MAX	59	58	56	58	57	60	61	61	63	64	63	63	59	62	67	66	68	69	68	68	67	67	67	68	69	67	65	63	64	67	70	64.0
		MIN	52	54	52	50	55	57	58	58	57	60	61	59	53	53	58	59	62	63	64	64	62	61	60	64	63	61	61	60	59	61	61	58.8
	8	MAX	57	57	56	55	56	58	59	59	60	62	62	61	60	60	60	63	65	65	65	66	65	65	64	65	65	65	65	63	62	65	66	61.8
		MIN	53	55	53	52	54	56	57	58	57	58	60	60	55	54	58	59	61	62	64	64	63	62	61	63	63	62	62	61	60	61	62	59.0

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

CONTINUED

Station	Depth (IN)	Time	1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (SOD)	20	7PM	54	54	54	54	54	55	55	56	56	57	57	58	57	56	57	57	58	60	60	61	61	61	61	61	61	61	61	61	60	60	61	58.0
	40	7PM	52	52	53	53	53	53	53	53	54	54	54	55	55	55	55	55	55	56	56	57	57	57	58	58	58	58	59	58	59	59	58	55.5
MAYFIELD RADIO WNGO	4	MAX	67	66	67	66	68	68	70	71	71	71	70	69	70	71	71	71	74	75	75	74	75	76	74	74	74	74	74	70	69	70	73	71.2
		MIN	66	63	64	65	66	66	68	69	70	69	68	68	66	67	64	66	71	74	73	73	74	70	72	71	72	73	69	68	68	68	-	68.7
	20	5PM	60	62	62	65	66	66	63	67	63	63	63	63	63	64	68	68	69	68	67	67	67	62	60	66	67	70	67	75	65	68	66	65.5
PRINCETON 1 SE	4	MAX	65	65	64	63	64	64	67	68	69	70	65	65	63	66	67	70	72	72	72	73	74	73	68	67	69	71	72	67	67	71	74	68.3
		MIN	57	60	55	55	60	60	63	64	61	65	65	63	58	59	62	64	67	67	68	66	67	66	65	67	64	64	67	64	62	63	65	63.0
	20	5PM	58	58	58	57	58	58	59	60	60	60	61	61	60	59	60	60	61	63	63	63	64	64	64	63	63	63	64	63	63	63	63	61.1
QUICKSAND	4	MAX	60	60	58	58	59	55	58	59	60	63	62	63	63	64	65	66	68	70	71	71	70	70	69	71	71	70	71	65	66	70	72	65.1
		MIN	52	55	54	51	51	54	55	58	57	57	57	61	57	55	59	60	62	63	64	65	63	62	60	64	65	64	64	61	61	62	64	59.3
	20	4PM	55	55	55	55	55	55	55	56	56	57	58	58	59	57	58	58	60	61	62	62	63	63	63	63	63	64	63	63	62	62	63	59.3
SANDY HOOK 4 NW	4	MAX	62	61	62	58	56	57	60	62	64	66	66	64	64	66	67	70	73	74	73	73	73	73	70	73	71	72	72	65	64	70	73	66.9
		MIN	50	56	53	48	48	55	57	58	54	56	59	62	55	51	57	58	62	64	66	67	63	61	60	65	67	64	63	60	61	62	62	58.8
	20	6PM	52	53	52	52	52	52	53	54	54	54	55	55	55	54	55	56	57	59	62	60	60	59	59	60	60	60	60	60	60	59	60	56.5
SOMERSET 2 N	1	MAX	61	66	64	65	65	64	63	63	67	69	69	67	65	69	69	71	75	76	76	76	76	72	73	72	72	74	74	74	66	70	74	69.6
		MIN	55	58	56	55	59	60	60	59	58	60	63	63	59	55	60	60	63	65	67	68	65	64	68	67	65	63	65	62	61	62	61	61.5
	4	MAX	62	64	61	62	62	61	61	61	65	67	68	66	64	66	66	68	72	73	73	73	73	73	70	71	70	71	72	72	65	68	71	67.5
		MIN	55	59	56	55	59	59	59	58	59	60	63	63	59	56	60	60	63	65	66	67	65	64	64	68	65	64	65	63	61	62	63	61.5
	20	6PM	59	59	59	59	59	59	60	61	60	61	62	62	62	61	61	62	63	63	64	65	66	66	65	66	66	66	66	66	65	65	65	62.7
WILLIAMSTOWN 3 NW	4	MAX	55	54	54	53	53	55	56	58	58	60	60	60	60	58	60	63	65	66	66	67	67	67	67	65	64	63	63	63	63	65	66	61.1
		MIN	52	54	52	51	53	52	55	56	57	58	60	60	57	55	57	59	61	63	64	63	62	62	61	63	62	60	61	60	60	61	62	58.5
	20	6PM	51	51	51	51	51	51	52	53	53	54	54	55	55	55	55	55	55	57	57	[illegible]	58	59	58	59	59	59	59	59	59	58	59	55.5

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILLERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES P. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	93		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	40				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	50		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	107		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	120				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	JUANITA E HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA H. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	86		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	—				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	750		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	650	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.H. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FAPH	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	5P	5P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	830	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA V HORNE
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAN
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	470	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			V D SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	69	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	93				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	INACTIVE 4/1/71
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE- 6/25/71-870

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
JUNE 1971
Volume 66 No. 6

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MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	89.2	66.3	77.8		98	26+	58	2	0	13	0	0	0	3.62		1.47	1	.0	0		5	2	2
BEAVER DAM	87.3	64.9	76.1		96	27	56	10+	0	10	0	0	0	3.75		1.11	8	.0	0		6	4	1
FORDS FERRY DAM 50	88.2	66.7	77.5		98	27+	60	2	0	14	0	0	0	4.51	.96	1.31	2	.0	0		6	4	2
GILBERTSVILLE KY DAM	92.3	68.9	80.6		102	27+	62	23+	0	22	0	0	0	3.25		1.90	1	.0	0		5	2	1
GOLDEN POND 8 N	87.0	67.2	77.1		97	27	47	1	0	8	0	0	0	4.08		1.96	8	.0	0		6	4	1
GREENVILLE 2 W	87.7	65.2	76.5	2.1	95	27+	56	1	0	12	0	0	0	6.06	1.88	1.89	8	.0	0		8	5	2
HENDERSON 7 SSW	87.8	67.8	77.8	2.4	97	27+	60	23+	0	12	0	0	0	6.55	2.76	1.75	1	.0	0		7	5	4
HICKMAN 1 E	89.9	66.9	78.4		98	26	56	2	0	16	0	0	0	3.93		.96	8	.0	0		8	4	0
HOPKINSVILLE	89.6	65.3	77.5	2.2	100	27	51	1	0	17	0	0	0	3.39	-.72	1.50	22	.0	0		8	1	1
LOVELACEVILLE	90.8	65.6	78.2	2.2	100	26	60	2+	0	20	0	0	0	3.58	-.16	1.85	1	.0	0		5	2	1
MADISONVILLE 1 SE	88.3	64.9	76.6		97	27	57	10	0	13	0	0	0	3.89		1.43	9	.0	0		10	3	1
MAYFIELD RADIO WNGO	90.5M	66.0M	78.3M		97	27+	59	2	0		0	0	0					.0	0				
MURRAY	89.4	67.4	78.4	2.4	98	26	62	23+	0	15	0	0	0	4.17	.67	1.53	20	.0	0		8	3	1
OWENSBORO 2 W	88.3	67.0	77.7	2.5	97	27+	60	23+	0	12	0	0	0	4.67	.75	.87	16	.0	0		11	5	0
PADUCAH FAA AIRPORT	88.2	68.3	78.3		99	26	56	2	0	12	0	0	0	3.15		2.61	1	.0	0		3	1	1
PADUCAH SEWAGE PLANT	89.6	66.8	78.2		100	27+	51	1	1	19	0	0	0	1.66	-2.12	1.40	2	.0	0		3	1	1
PRINCETON 1 SE	88.5	67.2	77.9	2.5	96	27+	60	23+	0	13	0	0	0	3.46	-.35	.77	9	.0	0		9	3	0
ROCHESTER LOCK 3	86.5	64.7	75.6		97	27	49	1	0	7	0	0	0	3.20		.85	29	.0	0		8	1	0
RUSSELLVILLE	87.7	65.3	76.5	1.2	98	28	52	1	0	13	0	0	0	5.44	1.54	1.20	29	.0	0		7	5	4
DIVISION			77.6	2.2										4.02	.16			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN	88.8	62.2	75.5		97	27	54	11+	0	13	0	0	0	2.93		.74	21+	.0	0		5	3	0
BARREN RIVER RESERVOIR	88.9	64.4	76.7		99	28+	47	1	0	15	0	0	0	5.05		1.49	20	.0	0		9	4	1
BERNHEIM FOREST	88.4	63.1	75.8		97	27	52	10	0	11	0	0	0	4.17		2.15	21	.0	0		6	3	1
BOWLING GREEN FAA AP	88.6	65.7	77.2	1.2	98	27+	57	1	0	16	0	0	0	4.06	-.10	1.23	28	.0	0		7	2	1
BRADFORDSVILLE	87.2	62.7	75.0		96	28	50	1	0	9	0	0	0	3.40		1.02	20	.0	0		7	3	1
CAMPBELLSVILLE 2 SSW	87.2	64.0	75.6		96	5	50	1	0	8	0	0	0	5.13		2.05	20	.0	0		5	3	2
CECILIA	88.5	63.4	76.0	2.5	96	27	54	10	0	14	0	0	0	4.00	-.36	1.52	15	.0	0		8	3	1
GLASGOW WKAY	87.4	64.0	75.7		95	27	53	1	0	11	0	0	0	3.91		1.22	12	.0	0		7	3	1
GREENSBURG	88.5	64.1	76.3	2.2	98	28	47	1	0	16	0	0	0	4.92	.09	1.66	22	.0	0		6	4	2
HODGENVILLE-LINCOLN NP	87.6	64.0	75.8		96	27	54	10	0	10	0	0	0	3.66		1.70	20	.0	0		6	3	1
IRVINGTON	86.9	63.0	75.0	.6	96	28+	55	23+	0	7	0	0	0	5.19	.77			.0	0				
JAMESTOWN 8 SSW	89.4	65.8	77.6		95	28+	55	1	0	14	0	0	0	5.38		1.05	15	.0	0		10	7	1
LEITCHFIELD 2 N	88.1	64.7	76.4	2.0	97	27	55	1	0	13	0	0	0	6.49	1.99	2.00	13	.0	0		9	5	3
LOUISVILLE	88.6	68.0	78.3		100	28+	57	10	0	12	0	0	0	5.80		2.20	16	.0	0		8	3	3
LOUISVILLE WSO R	86.7	66.3	76.5	3.1	97	27	56	10	0	9	0	0	0	2.64	-1.35	1.08	14	.0	0		5	2	1
MAMMOTH CAVE PARK	87.1	63.4	75.3		96	27	52	1	0	6	0	0	0	4.85		1.52	12	.0	0		9	3	2
NOLIN RIVER RESERVOIR	87.3	61.5	74.4		98	28	47	1	0	9	0	0	0	5.76		1.71	22	.0	0		9	3	3
ROUGH RIVER DAM	87.7	63.4	75.6		99	28	50	1	0	13	0	0	0	4.32		1.25	8	.0	0		9	4	2
SCOTTSVILLE 3 SSW	86.3	66.2	76.3		95	27+	59	10	0	4	0	0	0	4.76		1.12	28	.0	0		12	2	1
SUMMER SHADE	85.7	64.6	75.2		95	26	53	1	0	3	0	0	0	4.71		1.35	12	.0	0		6	4	3
DIVISION			76.0	1.8										4.56	.24			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	85.8	65.4	75.6	1.9	95	27+	56	10+	0	5	0	0	0	3.00	-1.84	.68	15	.0	0		8	3	0
CARROLLTON LOCK 1	86.1	64.3	75.2		94	28+	53	10	0	6	0	0	0	5.84	1.70	1.82	14	.0	0		7	4	3
COVINGTON WSO R	86.3	65.3	75.8	4.0	97	27	54	10	0	8	0	0	0	5.18	1.29	1.45	19	.0	0		7	4	2
CYNTHIANA 2	86.8	60.2	73.5		97	28	44	1	4	9	0	0	0	3.15		1.25	22	.0	0		7	2	1
DANVILLE	85.4	62.8	74.1		95	28	52	1	0	3	0	0	0	3.56	-1.13	1.65	20	.0	0		7	1	1
DIX DAM	86.2M	64.3M	75.3M		94	27	49	1	0	5	0	0	0	4.14		1.62	20	.0	0				
FALMOUTH 5 WNW	87.2	61.0	74.1		98	27	45	10	2	10	0	0	0	3.40	-1.03	1.05	14	.0	0		8	2	1
FARMERS 1 WNW	85.5	61.8	73.7	1.3	95	28+	50	1	0	5	0	0	0	5.50	1.01	2.32	14	.0	0		9	3	1
FLEMINGSBURG 1 SW	84.9	62.6	73.8		94	27	51	10	0	4	0	0	0	5.32		1.12	19	.0	0		9	5	1
FRANKFORT LOCK 4	87.7	62.1	74.9	1.2	98	28	50	1	0	12	0	0	0	1.84	-2.23	.81	20	.0	0		5	1	0
LEXINGTON WSO R	84.2	63.2	73.7	.1	93	27	53	10	0	2	0	0	0	7.84	3.12	2.96	21	.0	0		8	4	3
MAYSVILLE SEWAGE PLANT	86.0	60.8	73.4	1.1	96	28	50	23+	4	8	0	0	0	4.00	-.18	1.24	26	.0	0		10	2	1
MOUNT STERLING	83.9	64.3	74.1		94	27	53	10	0	2	0	0	0	4.45	-.08	.79	21	.0	0		11	4	0
OWENTON	85.5	63.9	74.7		95	27	51	10	2	7	0	0	0	5.42		1.92	20	.0	0		6	3	3
RICHMOND	85.3	63.5	74.4		95	28	53	10	1	6	0	0	0	2.91		1.07	22	.0	0		7	2	1
SHELBYVILLE	85.3	62.3	73.8	.6	95	28	48	1	1	4	0	0	0	3.00	-1.44	.84	22	.0	0		5	4	0
WARSAW MARKLAND DAM	85.7	60.6	73.2	.4	95	28	44	1	3	7	0	0	0	4.18	.01	1.39	15	.0	0		6	4	1
WAYNESBURG 7 NE	84.6	62.9	73.8		93	27	53	1	0	3	0	0	0	2.51		.75	20	.0	0		6	1	0
WILLIAMSTOWN 3 NW	85.2	63.8	74.5	1.0	95	28+	51	10	0	3	0	0	0	4.83	.58	1.57	14	.0	0		7	3	2
DIVISION			74.3	.9										4.21	-.23			.0					
* * *																							
EASTERN 04																							
ASHLAND	85.5	60.4	73.0	-.7	95	29	44	1	7	7	0	0	0	4.68	.82	2.09	26	.0	0		7	2	2
BARBOURVILLE	86.9	62.1	74.5		95	28	48	1	0	8	0	0	0	5.40		1.31	29	.0	0		9	5	2
BAXTER	86.6	61.1	73.9		93	27	47	1	0	10	0	0	0	4.57		1.38	15	.0	0		10	3	1
BLAINE	85.3	59.4	72.4		95	29	45	1	4	5	0	0	0	6.70		2.17	14	.0	0		7	5	3
CUMBERLAND	84.9	59.6	72.3		92	6	44	1	2	3	0	0	0	3.63		.65	15	.0	0		10	1	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE73

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM																							
GRAYSON 5 SE	85.0M	59.1M	72.1M		95	29	45	1	7	5	0	0	0	4.22		1.04	26	.0	0		9	5	1
HEIDELBERG LOCK 14	86.7	62.5	74.6		93	27	48	1	0	9	0	0	0	4.34	- .05	1.30	15	.0	0		9	3	1
HINDMAN 11 NNE	86.6	62.0	74.3		94	7	48	1	0	9	0	0	0	4.59		1.00	14	.0	0		11	5	1
HYDEN	84.9M	61.4M	73.2M		91	27	48	1	0	3	0	0	0	3.27		.74	16	.0	0		10	1	0
JACKSON	88.2	62.6	75.4		95	29+	49	1	0	12	0	0	0	3.39		.72	13	.0	0		9	3	0
LONDON FAA AP	84.3	62.1	73.2		93	27	50	1	0	2	0	0	0	4.66		1.07	28	.0	0		9	3	2
MANCHESTER 4 SE	85.1	60.9	73.0		92	27	47	1	0	2	0	0	0	3.60		.80	15	.0	0		9	4	0
MC KEE	84.3	59.1	71.7		94	28	43	1	5	3	0	0	0	4.30		.84	7	.0	0		11	4	0
MIDDLESBORO	85.2	60.7	73.0		92	27	45	1	1	6	0	0	0	5.07		1.16	15	.0	0		12	4	1
MONTICELLO	87.1	63.4	75.3		95	27	51	1	0	8	0	0	0	3.93		1.03	18	.0	0		9	4	1
MOUNT VERNON	85.9	63.2	74.6		93	27	50	1	0	5	0	0	0	5.87		1.67	19	.0	0		11	4	1
PIKEVILLE	87.4	65.3	76.4		93	29+	53	1	0	13	0	0	0	6.98	2.58	3.12	14	.0	0		9	4	2
SOMERSET 2 N	85.9	62.2	74.1		95	27	49	1	0	5	0	0	0	3.60		1.60	15	.0	0		8	1	1
STEARNS 1 W	85.8	61.9	73.9		93	27	50	1	0	4	0	0	0	4.04		1.07	20	.0	0		11	3	1
TOMAHAWK 1 WSW	86.2M	60.4M	73.3M		94	29	46	1	0	6	0	0	0	4.65		1.45	14	.0	0		8	5	1
VANCEBURG	86.4	59.8M	73.1M		95	28+	49	1	0	6	0	0	0	4.92	.62	1.44	26	.0	0		9	4	1
WEST LIBERTY	84.7M	59.7M	72.2M		93	29	49	2+	1	4	0	0	0	3.99		.83	14	.0	0		9	3	0
WILLIAMSBURG 1 E	85.7	62.6	74.2	- .1	92	27+	50	1	0	3	0	0	0	4.12	.20	1.24	9	.0	0		7	5	1
DIVISION			73.6	.3										4.54	.27			.0					

EXTREMES

HIGHEST TEMPERATURE GILBERTSVILLE KY DAM	102	DATE	27+
LOWEST TEMPERATURE MC KEE	43	DATE	01
GREATEST TOTAL PRECIPITATION SEBREE	7.87		
LEAST TOTAL PRECIPITATION PADUCAH SEWAGE PLANT	1.66		
GREATEST 1 DAY PRECIPITATION PIKEVILLE	3.12	DATE	14

See Reference Notes Following Station Index

KENTUCKY - JUNE 1971

SPECIAL WEATHER SUMMARY

Summerlike weather was the rule for the greater part of the month, with most days sunny, warm, and humid. Many days had shower activity, but the showers were spotty - rainfall on any one day ranging from light or none to locally heavy, depending on location. Temperatures for the month as a whole averaged near seasonable or above over the greater part of the Commonwealth, but were on the warm side in the northern tier of counties. For example, temperatures at Henderson and Covington were warmer than those for any June since 1953; at Louisville, warmer than any June since 1954. Monthly rainfall totals ranged from much below to much above normal, reflecting the spotty shower activity. For example, at Frankfort the rainfall was about 2 inches below normal, while at Lexington about 23 miles to the southeast the total of 7.84 inches was more than 3 inches above normal. Paducah measured a total of 2.61 inches the first day of the month and little rain for the balance of the month.

Many days were marked by thunderstorm activity in one or more areas of the State. At least 15 funnel clouds aloft were sighted, but none were observed to touch the ground to become tornadoes. On June 30 a man was killed instantly when struck by lightning (East Bernstadt, near London in Laurel County, southeast Kentucky). Ten persons were injured by lightning: three in Henderson County on the 19th; five in Jefferson County on the 21st; two in Shelby County on the 26th. A number of buildings were struck by lightning. High winds were responsible for damage at scattered locations on several days of the month.

Locally heavy rains were responsible for flash flooding at scattered locations. Probably the heaviest downpour was that on June 19 in the Sugar Creek area of Garrard County in the Blue Grass. There were no injuries but damage to property and crops totaled about $200,000.

For further details for these and other events, see this month's issue of STORM DATA.

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DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	3.62	1.47							.32	.38					.01	.03	1.17	.01		T	.19			T					.03	.01		
BEAVER DAM	3.75	.06							.11				.69			.41	.03				.31	.62							.50			
CALHOUN LOCK 2	3.99	.23	.79	T				T	.47	.22			.45	.33	.15	.08	.13	.05			.27	.17	.32							.33		
COBB	2.80		.50							.25					.65	.19	.20	.28			.38		T							.35		
DAWSON SPRINGS	3.89		.63	.09						2.00					T	.48	.35				.08								T	.26		
DUNDEE	-		.40						*	3.10			*	.58	-	-	-						.35							1.23		
DUNMOR	2.08		.17						T	.47	.05		.05	.09	.04						.60		T						T	.61		
ELKTON 2 S	2.35		.12					T		.17	.05					.24	.17	T			.63	.18	.08						.08	.63		
FORDS FERRY DAM 50	4.51		1.31						.25	.85			T	T	.70						1.11	.29	T								T	
FRANKLIN 1 E	4.20		.05		.48						.22			.37	.03	.43	.18				.66		.49						.11	1.18		
GILBERTSVILLE KY DAM	3.25	1.90	.05	.01	T				.03	.64	T					.17	.13				.06	.24							.02			
GOLDEN POND 8 N	4.08		.60	.06				.01	1.96	.57						.03	.05				.50		.10						T	.20		
GREENVILLE 2 W	6.06	.22							1.89	.59			.10		.22	.78	.09				1.39	.02							.74	.02		
HARTFORD 6 NW	5.74	.37	.28	.01					.34	.28			.61	.81	.09	.06	.42				.39		1.27						T	.81		
HENDERSON 7 SSW	6.55	1.75	T					T	1.00	.12			1.20	.02	.62	.38					1.40								.06			
HICKMAN 1 E	3.93	.30					T	T	.96				.36			.50	.11			T	.77	.18	T					T	.75			
HOPKINSVILLE	3.39	.03	.14						.41	.31	.02				.10	.02	.12	T			.32	T	1.50						.03	.39		
LOVELACEVILLE	3.58	1.85								.32					.02	.20	.07			.27	.85											
MADISONVILLE 1 SE	3.89		.76						.10	1.43			.14	T	.12	.11	.05	.25			.17		.55							.21		
MAYFIELD RADIO WNGO	-	-							.15	.15					T	.58	T				-	.04										
MURRAY	4.17	.28	T	.44	.10			.53	.28	.05			.02			.51	.37				1.53							.02		.04		
OWENSBORO 2 W	4.67	.13	.75	.51					.80		.16		.67		.16	.07	.87				.15		.20							.20		
OWENSBORO DAM 46	4.74	.03	.77	.10	.49				.45	.03	.22		.70	.08	.12	.01	1.08				.19	.01	.04							.42		
PADUCAH FAA AIRPORT	3.15	2.61							.24					T	T	.06				T									T	.24	T	
PADUCAH SEWAGE PLANT	1.66		1.40							.11				T		.05					T									.10		
PARADISE STEAM PLANT R	5.28		.08						.10	1.38	.04		.02	.13	.06	.15	1.29	.10				.32	.02						.85	.74		
PRINCETON 1 SE	3.46	.57	.05	.13					.49	.77					.25	.12	T				.63	.22							.23			
ROCHESTER LOCK 3	3.20		.07		.03					.32	.02		.03	.10	.13	.23	.43	.07			.41		.03						.48	.85		
RUSSELLVILLE	5.44		.06					.01			.17				.03	1.02	.20				1.00	.09	1.16						.50	1.20		
SEBREE	7.87	.02	1.70						1.08	1.72				.22	.31	.01	.45				1.99									.37		
UNIONTOWN DAM 49 //	5.89	T	.95						.03	.59			.33	.14	2.15	T	.35				1.30	.05										
* * * CENTRAL 02																																
ADDISON DAM 45 //	4.53		.64		.15				.36	.06			.12	1.68	T	.35	.44						.25							.48		
ALBANY 4 N	5.39									.33	.23				1.06	.86	.41	T	.22		2.04		.24									
ANCHORAGE	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARDSTOWN	2.93							.74	.03				.02	.08	.04	.48	.18					.74	.62									
BARREN RIVER RESERVOIR	5.05				.22			.03	.49	.05			.24			.75	.99				1.49		.12						.16	.51		
BERNHEIM FOREST	4.17	T	.05			T		.35	.10	T			.04	T	.02	.69	.16			T		2.15	.61						T			
BOWLING GREEN	3.59									.10	.05			.25		.16	.10	.12			.47		.31							2.03		
BOWLING GREEN FAA AP	4.06	.05		.16				T	.06	.06			.40	.01	.09	.41	.03		T	.47		.65					T	.44	1.23		T	
BRADFORDSVILLE	3.40				.12										.10	.49	.85				1.02		.67	.15								
BROWNSVILLE	6.34		.07					.20		.39	.01		T	1.46	T	.04	1.20	1.55			.51		.78							.12		
BURKESVILLE 2 W	4.19			T	T			.06			.20				.77	.25	.95	.39	.27		.68		.62									
CAMPBELLSVILLE 2 SSW	5.13				T			.01					T		.41	1.92	.04	T			2.05	.56	.14								T	
CANEYVILLE	3.76		.05						.22	.29			.14	.49	.09	.35	.43				.57		.10							1.03		
CECILIA	4.00	.14			.09				.31	.02				.20	.25	1.52				.60	.20	.60							.07			
EDMONTON	2.40													.90							.40		1.10									
GAMALIEL 1 S	4.78		T		.72						.38			.60	.34	.39	.93	.03	.16	T	.28		.38							.57		
GLASGOW	3.45							.10						1.02		.74	.40	.54			.10		.04						.35	.10	.06	
GLASGOW WKAY	3.91	T		.07				.33	.01				1.22		T	.81	.74				.17	T	.12						.09		.35	
GLENDALE 1 E	2.42		.06					T						.22		.12	.50				.80	T	.30							.42		
GREENSBURG	4.92		.02		T			T					.37	T	.65	.97	.05			.17	1.03		1.66							T		
GREENSBURG HIWAY 61	5.43				.02			.02						.41		.70	1.25	T		.38	.90		1.69							.06		
HODGENVILLE-LINCOLN NP	3.66							.12	T				.14		.07	.50	.33				1.70	.07	.65						.08			
IRVINGTON	5.19	.05	.05	.05	.04				*	1.02	.01		*	1.57		.13	1.27				1.00											
JAMESTOWN 8 SSW	5.38		.80		.10						.50			.62	.29	1.05	.50		.04		.53		.65							.30		
LEITCHFIELD 2 N	6.49		.01						1.10	.35			T	2.00	.13	.54	1.05				.63		.25							.43		
LIBERTY	4.10		.54		.02				.05						.08	1.36	.30				.84		.91									
LOUISVILLE	5.80		.25										.13	.12	.42	1.05	2.20			T		1.46	.17									
LOUISVILLE WSO R	2.64	.05		T				T	.08	T		T	.10		1.08	.35				T		.73	.01							.24		
LOUISVILLE UPPER GAGE	2.63		.15						.12	T			.43	.08	.09	.86					.15		.75									
MAMMOTH CAVE PARK	4.85		T		.34	T		.40	.18				1.52		T	1.15	.70		T		.15		.31						.10			
MILLERSTOWN	4.64		.05		.04	.49	T	.03	.38	.04			.15	.90	.09	.38	.09				.20		1.67						T	.03	.10	
MUNFORDVILLE	5.50		T		.72			.83		.20				1.88	.03	.49	.89	T			.14		.20						T	T	.12	
NOLIN RIVER RESERVOIR	5.76		.25					1.05		.21				1.57	.05	.15	.23				.35		1.71							.19		
ROUGH RIVER DAM	4.32	T	.09			T		.32	1.25	.10			.15	1.05	.10	.15	.50						.61							T		
SCOTTSVILLE 3 SSW	4.76			.15					.14	.16	.46		.24	.17		.45	.08	.22			.48	.86							1.12		.23	
SCOTTSVILLE 2 SW	4.95				.05						1.05			.50	.45	.45	.30		T		.40	.85	.25						.10	.55		
SHEPHERDSVILLE	2.09		.06	T				.52	.12	.04	T		.02	T	.05	.57	.20			T			.51									
SUMMER SHADE	4.71		T	.12				T		.82			1.35			1.02	.06	T			.15	1.16							T		.03	
WOODBURY LOCK 4	7.53		.01		.26				.72	.36	.03		*	*	.25	.09	1.98	.85			1.40		.64							.94		
* * * BLUE GRASS 03																																
BEREA COLLEGE	3.00													.54	.25	.68	.05		.19	.33		.61	.16							.19		
BEREA	4.27		.35		.05			.66	.03						.51	.71	.12		.23		.71		.67							.23		
CARROLLTON LOCK 1	5.84		.04						1.13				.19	.03	1.82	.28	1.30				.70	.05	.01				.04			.25		
COVINGTON WSO R	5.18	.02	T	T				1.10				.01	.03	.11	.61	.46				1.45		.02				T	.05		.44		.88	
CYNTHIANA	2.80							.04						.09		.34	.14			.09	.54	.05	1.18				.07			.26		
CYNTHIANA 2	3.15													.15		.39	.13			.09	.52	.08	1.25				.10			.44		
DANVILLE	3.56		.34		.12				.06						.39	.09	.30				1.65		.25	.05			T			.31		
DIX DAM	4.14		.29					.06						*	1.36	.26	.05				1.62		.20	.25						.05		
FALMOUTH 5 WNW	3.40		T					T	.31					.12	1.05	.42	.35				.44	T	.59							.12		
FARMERS 1 WNW	5.50		.30						.31					.33	2.32	.26	.56			T	T	.17	.18	.02			.96			.09	T	
FLEMINGSBURG	5.80		.21					.52	.22					.13	.89	.08	.40			.83	1.11	.05	.05				1.19			.12		
FLEMINGSBURG 1 SW	5.32		.26					.80					.13	.86	.04	.48			.61	1.12		.21					.75		T	.06		
FORD LOCK 10	3.67		.42			T			.18					.08	.16	1.36	.12		T	T	.64		.43	.16			.12			T		
FRANKFORT LOCK 4	1.84		T					.08	.09					.07	.37	.10	.10				.81		.22							T		
GEORGETOWN WATER WORKS	1.97				T			T							.95	.47	.04					T	.16				.15			.20		
GEST LOCK 3	2.08		.06			.50		.05	T				.06	.08	.38	.60	.05				.20	T	.05				.03			.02		
HIGH BRIDGE LOCK 7	4.93		.10		T				.03					T	1.64	.16	.08				1.66		.38	.74			.02	.12				
KEENE 1 SSW	4.36		.07												.44	.42	.10				2.00		.97					.36		T		
LA GRANGE 1 ESE	-	-	-	-	-	-	-		.03				.0[illegible]	.15	.11	.12	T			.51		.83						.02		T	.30	
LANCASTER	4.92		.53						.08						.58	.84	.26				2.06		.17							.40		
LEXINGTON WSO R	7.84	T	.02				T	.07					T	.11	1.36	.06	T			1.80		2.96	.16				.15	T	.95		.20	
LITTLE HICKMAN LOCK 8	2.87		.34												.74	.07	.14				1.12		.23	.23								
LOCKPORT LOCK 2	1.82		.12										.06	.08	.17	.65	.11				.43	.08	.10				.02			T		
MAYSVILLE SEWAGE PLANT	4.00		.02					.37	.15				T	.10	.28	.13	.52			T	.44	.36	T				1.24			.39		
MIDWAY	2.95					.06								T	.30	.80	.07				.97		.20							.55		
MOUNT STERLING	4.45		.57			T		.25	T				.36	.54	.38	.21			.04	.50		.79	.10				.18		T	.05	.48	
OWENTON	5.42		.08						.02				.12	.16	.05	1.32	1.52				1.92	.03	T				.15		.05			
RICHMOND	2.91		.20					.23						T	.17	.05	.08		.08	.01	.66	.14	1.07				.22			T		
SALVISA LOCK 6	4.52				.03			.34							.93	.56	.05				.63		.71	.98			.03	.26				
SHELBYVILLE	3.00		.01					.04						.08	.58	.60	.28				.52	.01	.84					.04				
SPRINGFIELD	4.55							.06						.30	.29	.17	.30				1.78		.60							1.05		
TAYLORSVILLE	3.58		.15					.96						.05	.10	.28	.11				.20		1.73								T	
TYRONE LOCK 5	3.67							.03	T					.04	.73	1.19	.19				.29		.56	.08			.05	.51		T		
VALLEY VIEW LOCK 9	2.64		.30		T				T					T	.17	.27	.02			.01	1.23	.02	.36	.15			.07	.04			T	
WARSAW MARKLAND DAM	4.18	.02		.02			T	.32					.03	.03		1.39	.84				.56	.02					.15			.80		

See reference notes following Station Index

DAILY PRECIPITATION

Continued

KENTUCKY
JUNE 1971

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.51				.37			.09							.47	.14	.15				.75	T	.40	.08						.06	T	.
WILLIAMSTOWN 3 NW	4.83	T						.33		T			.26	.01	1.57	.44				.59		T				T			1.45	.01	.17	.
• • •																																
EASTERN 04																																
ALLEN	3.90	.01	.22											.71	.67	1.35						.47					.37			.10		.
ASHLAND	4.68		.20	.04										.10	.34		.11						.16				2.09			1.64		.
BARBOURVILLE	5.40		.15					T		.74					.50	.40	.20			.78	1.09		.16							1.31	.07	.
BAXTER	4.57		.03	.51	.13					T				.07	.45	1.38	.67	T	.05	.48		T	.18					.20	.28	.10	.04	.
BLAINE	6.70		.40	.08											2.17	1.50	.51						.14			.69				1.21		.
BUCKHORN	5.58		.13	T				T		1.95				1.05	.20	.75	.05						1.30				.06	.09		T	T	.
BURDINE 2 NE	4.39		.10	.40					.10	.65				.10	1.04	.25	.12		.30				.15	.40			.38			.30	.10	.
CLAY CITY 1 WNW	5.34		.20					.12	.10						.10	1.80	.10				.85		.32	.05			.30			1.40		.
COLLEGE HILL LOCK 11	4.08		.39					.06	.24					T		.80	.31			.54	.56		.11	.57			.21			.29		.
CUMBERLAND	3.63		.35					.05					.05	.25	.10	.65	.48	T	.24	T	.48	T	.37	T			.43	T	.18	T		.
CUMBERLAND FALLS ST PK	4.80		.15	.05					.05	.22		T	T	.52	1.00	.58		.10		.22	T	.52	.06					T	.38	.05	.90	.
DEWEY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
ELKHORN CITY	6.86	*	*	*	.32				.26	.76				.74	.90	.79	.08	.14		1.24	.02	.02	.19	.38			.31	.11		.20	.40	.
FISHTRAP RESERVOIR	6.79		T	.45					T	.21				1.05	1.61	1.64	.08		.03	.30	.15	T	.38	.11			.45			.33	T	.
FREEBURN 2 SW	6.59		.08	.33						.62				.35	2.78	.09	.20			.49			.66	.17			.52	T		.02	.28	.
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
GRAYSON 5 SE	4.22		.18	T										.12	.70	.61	.21				.15	.08	.60				1.04			.53		.
GRAYSON RESERVOIR	6.35		.15	.03										.12	1.57	1.55	.40					.08	.85	T			1.06			.54		.
HAZARD WATER WORKS	3.80		.05	.13										.36	.70	.29	.30						.41				.18	.33		1.05		.
HEIDELBERG LOCK 14	4.34		.27					.21	.05	T				T	.64	1.30	.36	T	.69	T	.15		.42				.25			T		.
HINDMAN 11 NNE	4.59		.22						.20	.01			.31	.60	1.00	.11		.09						.10	.53		.50			.41	.51	.
HYDEN	3.27		.10	.11				.03		.01				.06	.43	.49	.74		.43	.03			.32				.20	.12	.08		.12	.
JACKSON	3.39		.25	.03				.02	.10	.03				.72	.22	.18	.29	T	.02				.62	.25			.63	.03		T	T	.
JEREMIAH	4.94		.47						.67	T			.18	.11	.60	.60	.15		.07	T	.18		.28				.18		T	1.45		.
LLOYD GREENUP DAM	6.40		.13	.23									T	.20	.82		.25				.30	T	.82				1.85	.02		1.63	.15	.
LONDON FAA AP	4.66	T	.15			T		.04	.11					.30	.29	.34		.83	1.06	.08	T	.19	.09				.01		1.07	.01	.09	.
LOUISA 2	3.83		.15	.21										.25	1.07	.14	.60			T	.05						.76			.60		.
MANCHESTER 4 SE	3.60		.12		.06				.20						.60	.80	.57			.21			.69					.15		.20		.
MC KEE	4.30		.16	T	T			.84	.24	.17				T	.63	.18	.23		.06	.50	.30		.46				.03	T		.50		.
META	6.33		.22							.15				.70	1.62	.78	.78		.12		.12	.35	.23	T			.48			.78		.
MIDDLESBORO	5.07		.25	.65	.01			.20		.13				.06	.56	1.16	.30	.15	.01		.22	.06	.66					.27	T	.30	.07	.
MONTICELLO	3.93		.19		.06									.26	.16	.88	.50		1.03		.55		.17						.11	.02		.
MOUNT VERNON	5.87		.26		T			.32						.60	.03	.40			.14	1.67	.14	.03	.25						.94	.24	.85	.
ONEIDA	3.03		.11					.46		.40				.09	.30	.28	.16						.47				.05		.20	.46	.05	.
PAINTSVILLE 1 S	6.13		.55			.12		.10						.76	.20	.42	.02				.33		1.33				.44			1.86		.
PIKEVILLE	6.98		.34						.19	.05			1.15	.77	3.12	.11	.02		.09			.08	.02	.09			.18		.60		.17	.
PINEVILLE 4 NW	3.68		.27	.26	.05			.16	.10	.13					.62	.35	.10		.02	.68	.17		.22						.10	.42	.03	.
RAVENNA LOCK 12	3.88		.54					.12	T					.11	.34	.86	.27	T	.04	.04	.58		.49	T			.34			.15		.
SALYERSVILLE 2 SE	7.75	.15	3.00											.94	.94	.49	.21			.16	.31						.36			1.19		.
SOMERSET 2 N	3.60		.15		.02			.24	.12				T		.06	1.60	T		.16	.31	.47	.05	.32	.02					.01	.07	T	.
STEARNS 1 W	4.04		.19		.18			.10		.10					.85	.60	.39	.11			1.07		.07						.24	.14		.
TILFORD	3.70		.11										.23	.33	.93						.35	.17					.73			.85		.
TOMAHAWK 1 WSW	4.65		.18	.55					.02					.51	1.45		.61			.05			.33				.50			.45		.
VANCEBURG	4.92		.34					.41					.24	.28	T	.54						.21	.56				1.44		T	.90		.
WEST LIBERTY	3.99		.18						T					.35	.83	.13	.37	T	T			T	.74	T	.78		.48			.13		.
WILLIAMSBURG 1 E	4.12		.12		.02					1.24					.65	.58	.12			.84			.03	.01						.51		.
WILLOW LOCK 13	4.11		.24					.59	.17					.07	.37	1.08	.07		.04	.16	.32	T	.35	T			.29			.36		.

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	21	2.6	7.3	40++	24	07	77	79	55	58	3	5	3	2	2	0	15	-	6.3
LEXINGTON WSO	21	2.3	6.7	21++	29	30	86	87	62	67	5	3	4	1	2	1	16	-	6.2
LOUISVILLE WSO	21	2.2	7.1	27	NE	14	79	85	56	60	5	3	3	1	1	0	13	68	6.2

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	80	85	88	90	90	91	81	84	83	86	89	94	94	88	85	86	87	91	89	91	89	85	89	94	98	98	97	89	92	94		89.2
	MIN	63	58	63	66	66	67	70	66	63	62	66	71	71	68	68	61	62	66	66	64	71	64	63	66	72	70	71	67	68	71		66.3
BEAVER DAM	MAX	82	84	87	90	91	90	82	82	78	82	89	88	89	88	85	83	85	89	91	88	90	81	84	88	95	95	96	93	85	90		87.3
	MIN	55	62	62	64	65	64	69	63	65	56	61	66	72	66	68	65	64	65	67	63	68	62	58	66	67	73	71	66	64	69		64.9
FORDS FERRY DAM 50	MAX	70	87	88	91	90	91	85	84	80	84	91	91	92	89	85	82	86	92	91	90	86	82	88	92	98	98	98	84	89	93		88.2
	MIN	62	60	65	67	62	69	71	66	66	61	67	68	69	67	68	61	66	67	66	64	69	61	61	67	71	76	73	70	69	71		66.7
GILBERTSVILLE KY DAM	MAX	80	83	89	93	91	94	95	83	84	90	91	95	95	92	92	87	94	96	94	96	96	84	88	96	102	102	102	97	94	95		92.3
	MIN	64	62	66	70	68	71	72	68	65	62	70	73	74	70	70	62	68	69	69	68	73	69	62	63	76	77	74	70	72	69		68.9
GOLDEN POND 8 N	MAX	83	73	85	88	88	89	90	82	81	81	84	88	90	92	89	83	84	87	91	89	91	89	81	86	89	95	97	94	85	86		87.0
	MIN	47	63	65	67	68	69	70	64	65	62	66	69	72	69	69	69	67	68	68	65	71	66	64	68	71	73	74	69	69	70		67.2
GREENVILLE 2 W	MAX	83	84	88	90	90	90	86	80	80	82	89	91	90	90	88	82	87	90	90	87	88	81	86	87	94	95	95	91	88	88		87.7
	MIN	56	61	62	67	64	65	70	63	65	58	62	67	72	66	67	65	64	64	68	61	70	64	59	64	68	73	71	66	66	69		65.2
HENDERSON 7 SSW	MAX	78	85	88	91	90	91	85	82	80	83	89	92	91	88	83	82	85	89	91	90	89	84	88	90	95	97	97	82	88	91		87.8
	MIN	64	60	67	70	68	70	73	66	67	60	65	68	74	68	70	64	69	65	69	65	72	60	60	67	72	77	74	71	67	73		67.8
HICKMAN 1 E	MAX	82	86	90	91	92	92	87	87	88	87	92	94	92	88	86	86	91	92	88	91	88	83	88	93	97	98	96	88	93	92		89.9
	MIN	63	56	62	66	66	68	70	62	62	62	66	71	70	69	68	64	64	65	65	68	74	65	64	66	74	76	75	67	67	71		66.9
HOPKINSVILLE	MAX	85	73	87	91	92	93	92	85	81	82	87	90	94	93	92	84	86	88	94	92	93	91	86	89	93	97	100	99	87	91		89.6
	MIN	51	60	62	63	66	67	67	67	65	62	62	65	72	69	68	66	66	67	67	64	65	64	61	62	66	70	72	68	66	69		65.3
LOVELACEVILLE	MAX	82	88	90	91	93	93	85	86	84	89	93	94	93	90	84	88	91	93	90	93	89	85	91	95	99	100	98	90	92	94		90.8
	MIN	60	60	62	64	65	65	70	68	62	61	64	69	71	68	68	65	65	66	65	66	70	61	61	64	68	70	69	66	66	70		65.6
MADISONVILLE 1 SE	MAX	82	85	87	91	90	90	82	81	82	84	89	92	92	90	87	81	87	91	90	89	88	84	87	89	94	96	97	93	89	90		88.3
	MIN	58	61	63	65	61	67	70	63	64	57	62	66	74	65	67	65	63	65	67	63	66	60	58	63	69	74	70	67	65	69		64.9
MAYFIELD RADIO WNGO	MAX	84	85	89	91	91	92	92	81	83	88	93	93	94	93	86	90	89	94		91	91	86	88	93	97	97	97	93	92	92		90.5
	MIN	60	59	63	65	65	69	68	68	62	64	63	71	72	68	67	67	65	65			71	64	60	65	66	70	72	66	66	68		66.0
MURRAY	MAX	75	87	89	91	91	93	89	83	83	87	91	93	94	89	85	86	88	92	91	90	88	84	88	92	97	98	97	87	90	93		89.4
	MIN	62	62	63	67	67	71	69	66	64	63	65	70	72	71	68	67	64	64	66	65	73	67	62	68	67	76	76	67	70	70		67.4
OWENSBORO 2 W	MAX	84	84	87	91	90	91	84	81	81	83	89	89	89	88	83	85	89	91	91	89	87	84	89	91	95	97	97	90	90	91		88.3
	MIN	61	63	63	69	68	69	72	66	67	60	62	67	73	67	67	65	66	67	70	64	70	62	60	65	70	74	74	70	67	71		67.0
PADUCAH FAA AIRPORT	MAX	70	86	89	88	89	90	81	82	81	84	90	92	92	88	83	83	86	89	88	91	88	86	88	94	98	99	98	90	91	93		88.2
	MIN	60	56	65	70	70	70	72	66	65	63	68	73	74	70	70	67	68	68	67	67	70	63	65	69	75	73	72	70	70	73		68.3
PADUCAH SEWAGE PLANT	MAX	85	69	88	90	92	91	92	82	85	81	85	92	95	93	91	84	85	88	93	90	94	90	85	91	96	100	100	99	90	91		89.6
	MIN	51	59	59	66	66	67	69	70	65	63	65	69	73	69	70	67	67	67	68	68	72	63	63	66	70	69	73	69	70	71		66.8
PRINCETON 1 SE	MAX	81	85	86	90	89	90	88	81	82	84	89	91	92	92	88	84	86	92	89	90	89	81	86	90	94	96	96	94	88	91		88.5
	MIN	64	62	66	68	66	70	70	69	65	60	65	70	73	68	68	66	66	67	68	65	69	61	60	65	71	74	72	68	68	71		67.2
ROCHESTER LOCK 3	MAX	84	77	84	87	89	90	89	80	81	79	84	89	90	90	89	83	79	85	88	90	87	88	83	85	89	94	97	96	81	87		86.5
	MIN	49	57	61	64	65	65	69	68	65	57	60	64	69	67	68	66	65	65	69	64	68	65	60	61	67	71	71	68	66	67		64.7
RUSSELLVILLE	MAX	83	81	85	86	90	91	90	84	82	80	85	89	91	91	90	82	85	88	89	90	90	90	82	85	90	94	97	98	83	89		87.7
	MIN	52	63	60	67	68	65	69	68	63	59	60	66	70	69	67	63	66	66	69	65	70	65	59	61	65	72	71	68	65	69		65.3
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN	MAX	85	86	90	90	94	93	93	85	81	84	89	86	89	89	87	83	85	88	87	90	91	78	85	89	94	95	97	96	91	93		88.8
	MIN	55	61	59	61	63	64	64	67	62	54	54	64	64	66	65	65	59	59	58	59	59	65	55	56	65	73	69	67	63	70		62.2
BARREN RIVER RESERVOIR	MAX	85	86	87	90	92	93	93	87	84	80	87	91	87	93	92	83	81	89	88	90	90	90	84	86	90	95	99	99	84	90		88.9
	MIN	47	60	64	63	65	65	68	66	63	60	60	65	67	68	68	67	66	67	69	61	64	68	59	60	61	71	70	68	65	66		64.4
BERNHEIM FOREST	MAX	84	84	89	90	91	92	86	85	82	83	89	88	90	89	89	84	86	88	87	90	91	82	85	88	93	95	97	95	89	91		88.4
	MIN	54	62	58	62	63	64	64	66	62	52	56	66	70	65	65	65	58	61	67	63	67	66	54	57	63	72	69	67	63	71		63.1
BOWLING GREEN FAA AP	MAX	78	86	90	91	92	93	87	84	81	85	91	90	91	91	83	84	85	88	93	91	92	82	85	88	96	98	98	83	90	93		88.6
	MIN	57	64	63	64	65	65	60	67	65	60	63	66	71	69	68	65	66	64	66	65	69	68	62	65	66	74	68	68	67	71		65.7
BRADFORDSVILLE	MAX	83	85	85	90	90	92	90	86	85	89	85	88	85	89	89	82	84	85	90	88	88	87	73	84	88	91	95	96	83	90		87.2
	MIN	50	62	56	59	61	62	68	67	62	52	54	64	68	66	65	66	61	62	64	63	67	65	60	56	60	72	68	68	64	69		62.7
CAMPBELLSVILLE 2 SSW	MAX	82	85	89	89	96	90	85	84	86	82	87	88	87	88	87	80	84	88	88	87	92	76	82	85	90	91	95	95	90	88		87.2
	MIN	50	57	60	66	63	65	67	62	62	54	58	66	69	68	65	65	65	63	61	70	68	65	59	60	63	70	68	74	65	71		64.0
CECILIA	MAX	83	82	90	92	93	90	92	92	82	83	90	92	90	88	86	83	85	88	89	88	88	80	84	88	92	95	96	95	89	90		88.5
	MIN	55	60	62	68	70	68	70	63	63	54	57	60	58	66	67	64	61	62	62	63	62	65	56	60	64	72	69	67	64	68		63.4
GLASGOW WKAY	MAX	85	87	90	91	92	93	86	84	80	84	90	85	88	90	86	80	85	90	88	88	91	82	83	86	93	93	95	81	89	87		87.4
	MIN	53	64	60	61	64	65	67	65	63	56	59	65	67	69	67	64	64	63	67	64	65	67	58	60	62	72	70	66	64	68		64.0
GREENSBURG	MAX	85	87	87	92	91	92	93	87	81	86	90	85	91	90	82	82	84	88	92	90	90	90	82	87	90	94	95	98	84	91		88.5
	MIN	47	59	61	62	64	65	68	68	58	59	60	69	71	67	67	65	64	65	66	64	67	67	61	61	62	65	69	69	65	67		64.1
HODGENVILLE-LINCOLN NP	MAX	84	82	89	90	91	91	91	85	80	83	89	89	89	89	89	80	83	88	88	90	89	79	82	87	91	93	96	95	87	90		87.6
	MIN	55	62	61	62	65	65	66	66	63	54	57	65	69	67	65	66	62	64	66	64	68	65	57	60	64	72	70	67	64	69		64.0
IRVINGTON	MAX	82	86	86	85	89	88	90	84	84	79	81	87	87	86	86	81	84	88	90	89	89	81	82	88	92	94	96	96	87	90		86.9
	MIN	55	64	64	60	64	62	62	61	65	63	55	56	65	71	66	62	60	60	68	61	65	63	55	60	65	71	69	67	62	68		63.0
JAMESTOWN 8 SSW	MAX	84	85	85	88	90	95	88	88	87	89	90	89	89	90	89	89	89	90	90	90	89	89	89	90	90	90	93	95	90	94		89.4
	MIN	55	65	65	62	66	68	68	65	63	67	67	67	69	65	66	66	65	67	64	68	65	64	58	63	66	72	72	68	67	71		65.8
LEITCHFIELD 2 N	MAX	82	64	90	91	92	92	90	82	78	84	89	87	88	90	85	81	85	88	92	89	90	82	85	90	95	96	97	89	89	91		88.1
	MIN	55	62	60	62	63	65	68	68	65	56	59	66	73	69	68	65	63	62	68	64	69	65	56	62	65	74	70	67	63	70		64.7
LOUISVILLE	MAX	85	84	90	92	93	94	92	84	79	80	88	88	88	88	88	85	86	87	88	89	90	81	85	86	91	92	100	100	92	94		88.6
	MIN	64	64	65	70	70	71	70	69	64	57	62	67	66	67	69	68	63	67	71	66	66	65	62	67	71	79	78	76	71	76		68.0
LOUISVILLE WSO	MAX	80	84	86	89	90	91	86	81	75	82	88	86	89	87	77	83	84	89	90	90	87	82	84	88	93	95	97	86	90	92		86.7
	MIN	60	62	61	66	66	67	70	69	63	56	61	68	73	68	68	67	62	65	70	66	71	63	59	63	68	76	73	70	68	71		66.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	83	83	88	89	89	90	83	81	80	83	87	87	88	88	88	82	84	88	89	89	89	82	84	88	92	94	96	90	88	92		87.1
	MIN	52	61	58	62	63	63	65	66	61	56	58	64	69	68	67	65	64	62	66	61	66	65	55	60	64	71	70	67	64	70		63.4
NOLIN RIVER RESERVOIR	MAX	83	82	85	89	92	92	91	83	81	79	85	90	87	89	88	83	85	86	89	90	89	90	83	86	88	93	96	98	80	88		87.3
	MIN	47	56	59	61	62	62	62	65	61	57	58	59	65	68	67	65	62	61	64	62	64	63	57	58	60	63	68	65	62	63		61.5
ROUGH RIVER DAM	MAX	84	79	85	90	91	92	92	84	81	76	85	90	88	89	88	83	84	87	90	91	91	90	84	86	91	94	97	99	82	89		87.7
	MIN	50	57	62	66	64	64	68	65	65	55	58	64	66	67	67	64	62	65	68	63	64	63	57	59	64	70	71	67	63	65		63.4
SCOTTSVILLE 3 SSW	MAX	82	85	88	87	89	89	87	81	78	83	87	84	87	90	84	78	82	85	88	88	89	81	84	88	92	95	95	89	85	88		86.3
	MIN	61	65	65	64	66	69	67	65	63	59	65	66	69	68	67	66	66	65	67	63	68	68	60	66	69	73	75	66	66	69		66.2
SUMMER SHADE	MAX	83	83	88	88	88	89	85	84	78	85	85	82	87	88	82	78	84	85	86	86	88	80	82	86	94	95	93	83	88	87		85.7
	MIN	53	65	60	60	64	65	68	64	62	58	60	65	67	70	67	65	65	65	68	65	65	66	59	60	64	69	77	67	65	70		64.6
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	85	84	95	88	89	89	88	83	78	82	86	81	86	87	83	81	80	83	87	87	87	72	82	86	89	93	95	91	90	88		85.8
	MIN	56	64	62	63	66	68	66	69	63	56	59	68	67	70	64	66	63	66	66	68	68	65	64	61	65	69	72	71	66	70		65.4
CARROLLTON LOCK 1	MAX	81	83	85	89	89	90	90	83	80	79	86	87	88	87	83	80	81	85	85	87	88	79	83	86	91	92	94	94	88	89		86.1
	MIN	54	63	61	63	64	64	69	67	60	53	59	67	70	67	65	65	67	60	64	65	68	65	57	58	64	69	73	72	66	70		64.3
COVINGTON WSO	MAX	85	85	86	91	92	92	85	83	76	81	87	84	89	87	75	84	84	87	78	88	83	82	85	88	91	92	97	94	90	89		86.3
	MIN	56	64	65	65	65	67	67	66	59	54	60	67	71	67	65	65	60	64	68	65	70	65	60	62	67	69	74	71	67	74		65.3
CYNTHIANA 2	MAX	84	87	84	89	89	90	91	87	84	73	84	90	85	89	85	77	82	84	86	87	90	88	80	86	88	91	93	97	93	91		86.8
	MIN	44	55	60	60	60	63	65	67	59	50	52	52	57	67	62	63	55	61	61	64	65	65	56	56	56	61	65	70	66	68		60.2
DANVILLE	MAX	81	84	86	88	88	90	89	85	82	78	81	87	84	86	88	78	82	83	88	87	86	87	73	83	86	89	93	95	85	89		85.4
	MIN	52	57	61	62	62	67	67	67	61	54	54	61	67	68	65	65	60	60	65	63	63	65	60	60	63	65	68	71	66	66		62.8
DIX DAM	MAX	83	85	86	88		91	87	84	78	80	88	89	87	87	86	81	81	85	87	84	88	83	81	86	88	93	94	93	88	90		86.2
	MIN	49	63	61	63		66	68	68	62	55	58	64	65	68	64	66	61	66	67	63	71	66	60	60	65	67	72	70	66	70		64.3
FALMOUTH 5 WNW	MAX	85	84	87	90	91	91	89	83	82	81	90	88	87	86	76	82	83	89	84	90	88	81	85	88	90	93	98	96	91	87		87.2
	MIN	51	62	60	59	58	59	67	66	57	45	59	64	64	64	61	61	59	57	61	61	68	61	60	54	59	65	69	68	63	67		61.0
FARMERS 1 WNW	MAX	85	82	87	88	89	90	87	85	82	82	83	86	85	84	75	82	83	84	85	82	85	78	82	86	89	90	95	95	91	87		85.5
	MIN	50	62	59	60	64	64	65	65	60	51	54	54	64	68	55	64	55	64	62	62	66	65	62	60	62	65	70	70	64	69		61.8
FLEMINGSBURG 1 SW	MAX	84	82	85	87	89	90	86	83	79	78	88	88	85	83	74	89	83	83	83	84	84	76	83	85	87	90	94	91	89	86		84.9
	MIN	53	63	61	61	62	64	65	69	58	51	54	67	67	66	61	64	57	62	61	62	66	64	59	59	63	63	70	71	65	69		62.6
FRANKFORT LOCK 4	MAX	64	84	84	88	90	92	91	86	84	83	84	90	88	90	87	76	84	86	90	88	91	88	82	87	89	92	94	98	90	92		87.7
	MIN	50	60	54	62	64	65	67	65	60	53	57	61	68	68	65	65	57	60	64	65	65	62	52	58	60	63	70	71	66	67		62.1
LEXINGTON WSO	MAX	82	81	86	87	88	89	85	81	73	82	87	85	85	85	74	80	82	85	83	86	84	74	82	85	89	90	93	89	87	86		84.2
	MIN	58	63	61	63	64	66	66	66	57	53	55	68	68	64	62	63	59	65	65	62	66	64	56	61	65	65	69	69	64	68		63.2
MAYSVILLE SEWAGE PLANT	MAX	84	85	83	87	91	91	91	84	83	71	83	89	82	88	85	77	82	85	85	85	88	85	81	86	88	90	91	96	95	90		86.0
	MIN	50	54	63	61	63	64	66	65	60	50	52	58	66	65	62	63	54	55	62	62	64	64	50	58	61	63	65	71	66	67		60.8
MOUNT STERLING	MAX	84	84	85	87	89	88	83	85	80	79	82	85	83	81	78	80	82	82	82	84	83	70	81	84	88	90	94	89	89	87		83.9
	MIN	55	63	62	64	67	68	67	68	58	53	58	57	68	67	63	64	69	65	64	63	67	65	67	60	64	64	73	72	64	69		64.3
OWENTON	MAX	82	83	82	86	84	90	90	84	82	74	81	88	84	87	85	76	82	83	87	85	87	85	84	87	88	92	95	92	90	91		85.5
	MIN	53	62	64	65	66	70	70	67	59	51	53	61	67	67	64	63	57	58	66	63	67	60	62	63	66	69	71	71	71	70		63.9
RICHMOND	MAX	82	83	82	88	89	90	91	85	86	75	81	87	85	87	84	78	81	82	85	88	85	89	72	82	86	90	92	95	90	89		85.3
	MIN	55	63	61	61	65	64	67	66	61	53	57	67	68	67	64	64	61	66	64	63	66	65	60	60	64	65	68	67	65	68		63.5
SHELBYVILLE	MAX	81	82	81	85	89	90	89	83	82	73	81	88	86	88	87	75	82	83	87	87	88	85	84	83	86	90	94	95	87	89		85.3
	MIN	48	61	59	62	63	66	67	67	60	54	54	61	66	66	66	65	60	60	64	63	63	66	57	59	60	64	69	70	65	65		62.3
WARSAW MARKLAND DAM	MAX	83	83	84	85	90	90	91	85	82	73	82	88	86	88	84	75	82	82	89	77	89	84	81	85	89	93	94	95	94	89		85.7
	MIN	44	53	62	61	62	62	63	66	61	53	55	57	67	67	64	64	54	53	55	63	62	66	55	55	59	64	68	72	66	65		60.6
WAYNESBURG 7 NE	MAX	82	82	88	86	88	88	86	82	77	81	86	82	86	87	82	78	81	85	85	85	85	74	81	84	88	92	93	90	88	87		84.6
	MIN	53	63	60	59	64	63	66	66	61	54	57	65	65	67	63	65	61	62	63	62	66	64	60	61	62	69	70	66	64	67		62.9
WILLIAMSTOWN 3 NW	MAX	83	83	85	88	89	89	87	83	79	79	87	83	86	83	75	80	80	87	83	87	85	79	82	87	89	92	95	95	88	87		85.2
	MIN	61	62	64	63	66	67	62	67	57	51	61	65	70	65	63	63	59	64	65	63	68	63	58	62	66	66	72	68	64	70		63.8
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	84	86	80	88	90	91	91	89	86	69	83	88	80	84	87	74	80	83	87	88	85	85	80	83	88	90	87	92	95	91		85.5
	MIN	44	50	59	59	61	62	66	65	60	49	52	58	60	62	61	64	55	56	63	63	68	66	62	58	60	62	65	72	64	66		60.4
BARBOURVILLE	MAX	85	88	85	90	89	90	92	90	84	81	85	88	84	86	88	80	85	83	83	87	85	88	82	82	87	92	94	95	89	91		86.9
	MIN	48	50	59	60	61	64	65	65	63	57	58	59	63	66	66	64	64	63	61	62	64	64	65	62	62	62	69	68	64	64		62.1
BAXTER	MAX	85	88	81	90	90	90	92	90	85	83	87	89	86	85	87	80	81	81	83	86	78	89	84	84	89	91	93	90	90	92		86.6
	MIN	47	48	60	60	61	62	63	64	64	58	58	59	60	60	64	62	61	62	62	63	63	63	61	62	63	63	67	68	62	62		61.1
BLAINE	MAX	83	87	81	87	88	90	91	92	67	74	83	88	83	82	81	72	83	84	86	87	85	86	80	80	87	89	88	92	95	89		85.3
	MIN	45	49	57	57	60	61	62	62	61	49	49	54	62	62	63	65	55	56	59	59	63	66	65	60	62	61	65	68	61	63		59.4
CUMBERLAND	MAX	81	80	88	88	89	92	88	89	84	83	84	85	80	84	86	78	80	82	82	77	85	86	82	83	87	89	90	87	89	90		84.9
	MIN	44	55	54	56	55	62	60	62	61	57	54	53	64	66	61	60	60	61	58	63	62	60	64	60	61	60	57	67	67	64		59.6
DEWEY DAM	MAX																																
	MIN																																
GRAYSON 5 SE	MAX	84	87	81	88	91	92	91	88	88	68	83	89	83	83	83	71	80	83	86	87	83	86	79	82	87	89	89		95	89		85.0
	MIN	45	50	56	58	59	62	65	63	57	48	49	54	63	64	62	64	54	54	60	62	63	66	62	60	60	61	65		63	64		59.1
HEIDELBERG LOCK 14	MAX	87	88	89	89	90	90	91	87	80	83	87	89	85	87	79	81	85	85	85	85	85	79	80	86	90	91	93	92	91	92		86.7
	MIN	48	64	57	59	62	62	65	63	61	55	53	61	65	67	64	66	60	64	62	63	66	65	64	60	62	66	69	70	65	67		62.5
HINDMAN 11 NNE	MAX	88	78	86	88	90	90	94	91	75	82	87	82	84	85	85	84	82	83	85	86	87	88	88	89	90	90	91	92	92	87		86.6
	MIN	48	61	54	56	62	60	66	64	62	54	56	59	60	68	65	62	63	63	63	64	63	65	64	63	62	65	67	66	66	69		62.0
HYDEN	MAX	81	87		87	87	89	88	87	87	78	82	86	83	83	86	78	81	83	83	86	77	87	79		83	88	91	90	90	89		84.9
	MIN	48	49		59	61	62	63	63	64	56	56	58	61	67	65	64	63	63	61	61	61	64	64		62	64	66	66	64	64		61.4
JACKSON	MAX	88	90	88	90	92	94	93	89	89	81	87	91	85	85	88	75	84	87	84	91	85	89	86	80	88	92	94	95	95	92		88.2
	MIN	49	51	61	61	63	66	66	66	62	56	56	57	64	69	65	65	62	62	63	63	65	63	65	63	63	66	66	70	65	66		62.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	85	81	87	87	87	87	86	82	78	82	84	82	85	85	78	82	82	80	84	82	87	78	81	84	88	92	93	88	86	86		84.3
	MIN	50	63	60	60	61	61	68	63	62	56	57	62	64	66	63	60	63	60	61	64	64	62	64	57	59	69	68	65	64	67		62.1
MANCHESTER 4 SE	MAX	85	84	88	88	89	89	89	85	78	61	85	85	84	86	78	82	83	83	85	80	86	79	80	84	88	91	92	89	89	87		85.1
	MIN	47	62	56	57	57	62	63	57	61	54	55	59	64	68	64	61	61	61	60	62	64	63	65	59	61	64	67	66	63	65		60.9
MC KEE	MAX	83	88	83	89	87	88	89	85	83	75	82	86	82	84	86	73	78	80	81	85	84	86	74	80	84	88	91	94	91	89		84.3
	MIN	43	49	55	57	59	60	61	63	60	52	52	55	62	66	63	65	58	60	59	60	64	63	52	57	58	60	65	67	63	64		59.1
MIDDLESBORO	MAX	83	85	81	88	88	90	90	88	83	82	84	87	83	82	87	80	78	81	80	84	82	87	82	83	87	89	92	90	91	90		85.2
	MIN	45	47	60	60	60	61	63	63	63	59	58	58	62	65	64	63	62	62	61	61	64	63	61	60	60	60	65	66	62	62		60.7
MONTICELLO	MAX	86	84	91	88	90	91	89	86	81	85	88	85	88	88	86	82	83	84	88	85	87	79	84	88	90	93	95	91	90	89		87.1
	MIN	51	64	59	60	61	62	67	68	60	56	58	63	65	69	65	63	63	64	66	64	66	64	63	58	65	69	69	66	64	69		63.4
MOUNT VERNON	MAX	86	85	90	88	89	90	88	85	79	83	86	88	87	86	84	80	83	84	86	85	86	76	81	85	87	91	93	89	90	88		85.9
	MIN	50	64	60	59	64	63	66	67	63	54	56	60	65	70	64	65	63	63	66	63	68	64	64	58	60	68	69	68	63	68		63.2
PIKEVILLE	MAX	91	81	91	92	92	92	92	89	76	87	89	82	83	85	75	83	85	88	90	86	90	82	82	87	92	91	93	93	93	89		87.4
	MIN	53	62	62	63	66	66	68	68	65	58	60	62	68	65	66	67	67	67	62	67	66	66	67	67	67	65	73	73	66	68		65.3
SOMERSET 2 N	MAX	85	80	88	87	89	91	90	85	78	84	87	84	89	88	84	80	83	82	86	85	85	76	82	86	88	94	95	91	88	88		85.9
	MIN	49	65	58	57	63	61	65	64	62	55	55	62	66	68	63	62	63	62	62	63	66	62	63	56	61	68	68	67	63	66		62.2
STEARNS 1 W	MAX	82	86	84	91	88	89	91	88	86	80	84	88	87	87	80	81	84	83	87	84	87	80	82	87	83	90	93	88	87	88		85.8
	MIN	50	63	58	61	61	63	66	63	59	56	59	63	64	64	62	62	61	60	62	64	63	63	57	60	62	67	70	64	66	65		61.9
TOMAHAWK 1 WSW	MAX	84	87	78	88	89	90	91	88	87	86	84	88	87	82		83	81	83	85	87	84	88	79	80	85	90	88	93	94	91		86.2
	MIN	46	47	56	60	60	62	65	62	58	53	55	58	63	70		60	60	60	59	59	63	64	64	62	62	62	63	70	64	65		60.4
VANCEBURG	MAX	86	83	88	89	89	92	90	85	83	81	88	85	85	84	82	81	82	85	85	85	82	78	86	88	91	88	95	95	92	89		86.4
	MIN	49	63	57	56	56	63	64	64	56	51	51	51	64	63	61	61	52			59	66	64	59	55	61	60	68	69	64	68		59.8
WEST LIBERTY	MAX	83	86				90	90	85	86	77	83	87	83	84	83	73	82	85	84	86	83	86	78	76	85	89	89	92	93	89		84.7
	MIN	49	49				62	62	67	60	51	51	55	62	62	64	64	57	57	63	62	62	56	56	60	60	63	65	65	64	64		59.7
WILLIAMSBURG 1 E	MAX	85	86	88	88	88	89	87	85	80	84	86	86	81	86	85	82	82	81	84	81	86	87	80	84	89	92	92	91	89	87		85.7
	MIN	50	61	52	60	63	63	66	62	62	58	59	63	64	67	65	65	64	64	65	64	66	64	61	61	62	68	69	60	64	67		62.6

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.26	.06	.22	.23	.13	.24	.41	.04	.45	.17	.18	.29	.16	.30	.24	.15	.08	.20	.23	.29	.17	.24	.21	.14	.34	.33	.28	.37	.07	.17		6.65
	WIND	30	23	43	38	19	35	53	79	35	27	18	35	28	33	36	40	13	22	24	64	51	35	16	17	30	59	31	46	42	23		1045
	MAX	90	81	94	95	100	98	96	86	84	88	94	96	96	98	97	89	83	95	98	99	95	94	93	98	99	99	101	102	82	97		93.9
	MIN	58	63	64	68	70	71	72	67	65	67	65	69	70	71	71	69	69	69	71	66	66	67	66	67	70	72	75	70	69	70		68.2
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.26	.19	.26	.24	.32	.25	-	.22	.17	.13	.22	.32	.17	.31	.24	.17	.19	.16	.29	.25	.29	-	.25	.21	.19	.22	.24	.32	.10	.09		6.728
	WIND	28	22	32	40	19	31	29	43	31	17	22	32	29	37	44	17	12	16	21	44	39	32	30	17	20	44	38	29	29	16		860
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.28	.21	.20	.20	*	*	.74	.18	.14	.10	.30	*	*	.74	.28	.05	.30	.18	-	-	.20	.20	-	.30	.19	*	*	.71	.25	.28		6.708
	WIND	15	26	17	18	*	*	54	29	50	56	29	*	80	25	41	28	67	40	39	37	13	27	13	15	12	*	*	88	45	21		885
	MAX	93	92	92	97	-	-	99	93	85	80	92	-	-	97	95	76	90	89	90	90	96	93	71	92	99	-	-	103	91	101		91.5
	MIN	60	65	67	69	-	-	70	71	65	59	60	-	-	68	69	68	65	66	67	65	66	70	65	65	71	-	-	72	70	70		66.8
* * * EASTERN 04																																	
BUCKHORN	EVAP	.24	.25	.11	.23	.23	.23	.21	.22	.18	.13	.20	.21	.14	.07	-	-	.10	.20	.10	.20	.06	.34	.20	.10	.20	.16	.19	.17	.16	.17		5.368
	WIND	14	21	12	13	13	11	15	16	22	13	8	14	21	21	18	5	9	6	10	15	11	18	12	11	4	22	20	8	15	8		406
	MAX	92	101	98	76	108	109	100	96	104	94	105	104	97	90	91	89	95	101	98	105	87	94	97	97	106	97	97	101	100	96		97.5
	MIN	57	60	66	70	69	70	69	70	67	63	63	67	58	72	70	70	70	70	71	69	69	69	69	71	70	73	71	75	71	70		68.3

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN																																		
	4	MAX	75	74	75	76	78	78	79	79	77	76	76	77	78	79	80	80	80	81	82	80	81	81	80	80	82	84	86	86	83	84		79.6
		MIN	65	67	68	70	76	74	73	74	74	69	70	72	71	74	74	73	72	73	73	72	75	74	72	73	74	74	75	80	77	77		72.8
	20	5PM	65	65	66	67	68	69	70	70	71	70	71	70	71	71	72	72	72	72	73	72	72	73	73	73	74	74	76	76	75	76		71.3
BEREA COLLEGE																																		
	4	MAX	69	77	78	78	79	80	79	78	79	78	79	79	79	80	81	77	78	79	80	80	80	81	79	80	81	81	84	85	83	84		79.5
		MIN	65	69	71	73	74	74	75	75	74	72	72	75	75	76	76	75	75	76	78	75	78	76	75	75	77	78	80	80	78	80		75.1
	20	5PM	67	68	69	70	70	71	72	72	72	72	72	73	73	73	74	74	74	74	74	74	74	75	75	75	75	75	76	77	78	78		73.2
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	75	78	79	85	82	77	80	79	77	80	82	78	80	84	76	74	80	87	75	82	78	76	82	82	83	79	78	80	85	82		79.8
		MIN	64	70	70	72	77	73	72	75	71	71	76	75	74	76	72	71	74	75	74	73	76	74	74	75	76	78	76	78	76	76		73.8
	20	6PM	64	65	66	66	68	70	70	70	70	70	70	70	70	71	72	71	70	72	72	70	73	73	72	74	75	75	75	76	80	75		71.2
CUMBERLAND GAP PARK																																		
	4	MAX	73	73	78	79	79	80	80	80	77	78	78	79	78	80	80	76	78	78	79	79	79	79	78	79	80	83	81	81	82	81		78.8
		MIN	64	66	67	71	72	74	74	75	73	72	71	73	74	74	75	73	74	74	72	73	74	74	73	73	75	76	79	77	74	75		73.0
	20	5PM	64	65	65	67	68	70	70	70	70	70	70	71	71	71	71	71	71	72	72	72	72	72	71	72	72	73	74	75	74	74		70.7
FLEMINGSBURG 1 SW																																		
	4	MAX	72	73	74	77	78	78	79	78	79	76	77	77	76	77	76	77	77	78	75	75	78	74	77	76	80	78	82	83	83	83		77.5
		MIN	64	67	67	69	71	71	71	72	71	67	69	72	71	72	71	70	70	72	71	70	74	72	69	73	75	74	76	79	77	78		71.5
	20	6PM	59	60	61	62	63	64	65	65	66	65	66	66	66	67	67	67	67	67	67	67	67	68	68	68	69	69	70	71	71	72		66.3
GLASGOW WKAY																																		
	4	MAX	71	73	73	75	75	77	77	76	75	76	77	77	78	79	79	77	77	78	78	80	80	80	79	79	80	80	83	83	80	80		77.7
		MIN	64	66	68	68	70	72	72	72	71	69	70	71	73	74	75	74	73	74	75	75	75	76	73	74	74	76	78	77	74	76		72.6
	20	6PM	63	64	64	65	66	67	67	67	67	67	68	68	68	69	69	69	70	70	70	71	72	72	72	72	72	72	73	73	73	73		69.1
GREENVILLE 2 W																																		
	4	MAX	75	78	80	82	84	83	84	80	78	80	83	83	85	92	84	82	85	85	85	85	82	80	84	85	86	88	89	88	84	85		83.5
		MIN	70	69	72	74	75	75	79	73	74	72	75	77	80	-	78	77	77	78	80	77	78	78	76	78	78	81	81	78	78	79		76.4
	20	5PM	64	64	66	67	68	69	70	70	70	70	70	70	77	72	72	72	73	73	73	74	74	74	74	74	74	74	75	75	75	75		71.6
HENDERSON 7 SSW																																		
	4	MAX	70	71	73	75	76	76	77	77	76	76	77	78	80	81	81	79	79	81	81	81	79	79	80	80	82	83	84	84	80	81		78.6
		MIN	67	67	70	72	74	74	76	74	74	73	74	75	78	78	78	76	76	76	78	76	78	77	76	77	78	80	80	80	78	80		75.7
	20	6PM	62	62	64	65	66	67	68	68	68	68	68	69	70	70	71	71	71	71	71	72	72	72	72	72	73	74	74	75	74	75		69.8
IRVINGTON																																		
	4	MAX	69	72	72	72	75	75	76	75	74	73	74	74	74	78	81	82	79	79	81	82	83	83	81	80	81	82	84	86	86	86		78.3
		MIN	64	65	65	66	68	68	70	74	72	71	67	68	71	73	74	75	72	71	72	75	74	76	76	72	73	75	77	77	78	74		71.8
	20	4PM	60	61	61	61	62	63	64	65	65	65	65	65	65	66	67	68	68	68	67	69	69	70	70	70	70	70	70	71	72	71		66.6
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	96	94	100	99	100	101	96	97	91	99	100	94	91	97	81	89	92	97	91	94	-	-	-	-	-	-	-	-	-	-		-
		MIN	58	67	63	66	68	70	72	71	66	60	62	72	72	70	67	66	62	69	68	66	-	-	-	-	-	-	-	-	-	-		-
	2	MAX	90	89	94	93	95	95	92	91	85	93	94	89	88	90	78	85	88	93	86	90	-	-	-	-	-	-	-	-	-	-		-
		MIN	61	68	65	67	70	72	73	72	69	63	65	73	73	72	68	68	64	70	70	67	-	-	-	-	-	-	-	-	-	-		-
	4	MAX	84	82	85	85	88	88	86	83	80	85	87	84	83	84	76	80	82	86	80	84	-	-	-	-	-	-	-	-	-	-		-
		MIN	63	68	67	69	71	71	74	72	70	66	68	74	74	73	70	70	67	71	71	69	-	-	-	-	-	-	-	-	-	-		-
	8	MAX	76	77	79	80	82	83	81	79	77	80	82	80	79	80	75	77	78	81	76	80	-	-	-	-	-	-	-	-	-	-		-
		MIN	64	68	68	70	72	74	74	74	71	68	69	74	74	73	71	70	68	72	72	70	-	-	-	-	-	-	-	-	-	-		-
(SOD)	1	MAX	74	76	77	78	79	80	78	77	75	78	80	78	81	81	75	78	80	81	79	82	-	-	-	-	-	-	-	-	-	-		-
		MIN	63	67	67	68	68	71	72	71	64	66	67	72	72	72	71	71	70	73	72	71	-	-	-	-	-	-	-	-	-	-		-
	2	MAX	73	75	76	77	78	79	78	77	74	77	79	77	79	79	74	77	79	80	77	81	-	-	-	-	-	-	-	-	-	-		-
		MIN	64	68	67	69	70	71	72	72	69	67	68	72	72	73	72	71	70	73	72	71	-	-	-	-	-	-	-	-	-	-		-
	4	MAX	71	73	74	75	76	77	75	75	73	75	76	76	77	78	74	76	77	78	76	79	-	-	-	-	-	-	-	-	-	-		-
		MIN	64	67	67	69	70	71	72	71	70	67	68	72	72	73	71	71	70	73	72	71	-	-	-	-	-	-	-	-	-	-		-

DAILY SOIL TEMPERATURES

CONTINUED

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (500)	8	MAX	67	69	72	72	72	73	73	72	72	73	73	73	74	74	73	73	74	75	75	75	-	-	-	-	-	-	-	-	-	-		-
		MIN	64	66	67	68	69	70	71	70	70	68	69	71	71	72	71	71	71	72	72	71	-	-	-	-	-	-	-	-	-	-		-
	20	7PM	62	63	64	64	65	66	67	67	67	67	67	67	67	68	69	68	68	69	70	69	-	-	-	-	-	-	-	-	-	-		-
	40	7PM	58	59	59	59	60	60	61	62	62	62	62	63	63	63	64	64	64	64	65	65	-	-	-	-	-	-	-	-	-	-		-
MAYFIELD RADIO WNGO	4	MAX	75	76	76	79	81	80	80	79	80	80	80	81	82	82	82	82	81	82	-	88	84	82	82	85	86	88	87	88	86	86		82.1
		MIN	74	74	75	75	79	78	79	76	78	77	76	80	80	80	78	78	77	78	-	-	80	78	77	79	78	81	81	81	80	80		78.1
	20	5PM	-	-	-	-	76	-	-	72	73	73	73	75	76	75	75	75	75	75	-	-	76	76	76	76	77	-	-	78	78	77		-
PRINCETON 1 SE	4	MAX	74	76	77	80	81	82	82	82	83	79	81	82	84	85	85	81	81	82	83	83	83	82	82	83	84	86	87	88	83	83		82.1
		MIN	69	69	72	74	75	76	77	73	74	73	75	78	80	80	80	77	77	78	78	77	79	77	77	78	80	81	81	79	79	79		76.7
	20	5PM	64	64	65	67	68	64	70	69	70	70	70	70	71	72	73	73	73	73	73	73	73	73	73	73	74	74	75	75	75	75		71.1
QUICKSAND	4	MAX	74	74	76	79	80	80	80	80	80	79	80	80	78	81	81	78	80	80	81	81	79	79	78	80	82	83	85	86	86	84		80.1
		MIN	65	68	74	71	73	74	74	75	77	70	71	73	73	74	75	73	73	75	74	74	74	73	74	74	76	76	79	80	79	79		74.0
	20	4PM	64	65	66	67	68	70	70	75	71	70	70	71	71	71	72	71	72	72	72	72	72	73	72	72	73	74	75	76	76	76		71.3
SANDY HOOK 4 NW	4	MAX	82	76	75	77	79	79	78	78	80	76	77	78	76	77	78	75	76	78	78	78	78	75	74	77	79	80	82	82	82	82		78.1
		MIN	76	70	69	69	70	71	72	73	72	64	65	72	72	72	72	70	69	72	72	72	74	72	71	70	71	75	75	80	76	76		71.8
	20	6PM	70	62	62	63	64	65	66	66	66	65	65	66	66	66	68	67	66	67	68	67	67	68	68	67	68	68	69	70	75	-		66.7
SOMERSET 2 N	1	MAX	75	77	79	80	81	80	82	81	77	81	81	82	82	83	83	78	81	81	83	83	83	81	83	85	86	88	90	90	87	88		82.4
		MIN	64	69	69	70	71	72	73	73	71	70	70	72	72	74	73	72	73	73	73	74	76	75	74	74	75	78	79	79	75	77		73.0
	4	MAX	72	75	76	77	77	79	80	79	78	78	79	80	80	80	81	76	78	79	81	80	80	81	80	83	83	85	87	87	84	84		80.0
		MIN	65	69	69	70	70	71	73	72	72	70	70	72	72	74	73	72	73	73	73	73	75	75	73	74	75	77	79	79	76	77		72.9
	20	6PM	66	67	68	69	69	70	70	71	71	71	71	71	72	72	72	72	72	72	73	73	73	74	74	74	74	75	76	77	77	77		72.1
WILLIAMSTOWN 3 NW	4	MAX	66	68	69	70	71	72	72	73	72	71	71	71	72	72	72	71	71	72	71	72	72	72	72	72	72	73	75	75	74	75		71.7
		MIN	64	65	67	67	69	70	70	71	70	67	68	70	70	71	70	70	70	70	71	71	72	72	70	70	71	71	73	73	73	73		70.0
	20	6PM	59	60	60	61	61	62	63	64	64	64	65	64	64	65	65	65	65	65	65	65	66	66	67	67	67	67	67	68	68	68		64.6

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

KENTUCKY
JUNE 1971
DELAYED DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * DECEMBER 1970																							
ANCHORAGE	49.1	30.0	39.6	3.9	70	1	11	28+	779	0	2	16	0	4.72	1.42	1.30	22+	T	0		6	4	2
* * * JANUARY 1971																							
CAMPBELLSVILLE 2 SSW	42.9	24.2	33.6		62	14	7	27	968	0	7	25	0										
* * * FEBRUARY 1971																							
GOLDEN POND 8 N	46.6	25.9	36.3		72	19	5	9	799	0	6	19	0	8.03		3.23	22				9	6	2
* * * MARCH 1971																							
BEREA COLLEGE																							
MIDDLESBORO	52.7M	28.4M	40.6M		72	15	16	6+	749	0	0	22	0	3.36		.55	16	5.5	3	7+	11	3	0
PIKEVILLE	57.0	32.1	44.6		80	14	16	5	625	0	0	18	0	2.60	- 1.92	.78	3	6.2	2	3	9	1	0
* * * APRIL 1971																							
GREENVILLE 2 W	M	M	M		86	20	29	7+		0	0	6	0										1

CORRECTIONS

	TABLE	DIVISION	STATION	CORRECTION
HROUGH R 1970	ALL TABLES	EASTERN 04	STEARNS	CORRECT STATION NAME STEARNS 1 W AUGUST 12 THROUGH SEPTEMBER 30
1970	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	EASTERN 04	HYDEN	TOTAL DEGREE DAYS 504
1971	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	CENTRAL 02	BRADFORDSVILLE	TOTAL PRECIPITATION 4.70, NUMBER OF DAYS .50 OR MORE MISSING
1971	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	CENTRAL 02	DIVISION	AVERAGE PRECIPITATION 3.23, DEPARTURE FROM NORMAL -1.89
1971	DAILY PRECIPITATION	CENTRAL 02	BRADFORDSVILLE	TOTAL 4.70, AMOUNT ON 31ST .82
1971	DAILY PRECIPITATION	BLUE GRASS 03	LANCASTER	TOTAL 4.01, AMOUNT ON 31ST .40
1971	DAILY PRECIPITATION	BLUE GRASS 03	LANCASTER	TOTAL 4.00, AMOUNT ON 27TH .38

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
DECEMBER 1970																																
ANCHORAGE	4.72			.08		.30						.30	.59	T			.85	T				1.30	1.30			T						T
* * *																																
JANUARY 1971																																
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELKTON 2 S	1.68	T			.50	.05				T		.02		.01	.72				T	T			.04	.19	.05	.02	T					.08
* * *																																
FEBRUARY 1971																																
GOLDEN POND 8 N	8.03			T	.57	.42			.20				.80	1.00	.50			.91			.40		3.23									
* * *																																
MARCH 1971																																
BEREA COLLEGE	-			D .40				.09			.40					.29				.29							-					
BURKESVILLE 2 W	2.70			.22	.42			.23	.05		.22	.15			.29	.13				.26							.36			.37		
MIDDLESBORO	3.36	T	.14	.39	.13	T	.32	.12				.51			.05	T	.55			.12	.15	T					.32	.02		.54		
PIKEVILLE	2.60			.78	.11		.19	.41	.03		.10					.34	T	.07		.16	.11		.08	.04			.16			.02		
* * *																																
APRIL 1971																																
GREENVILLE 2 W	-	1.23	.52	.02			.36	.07							.19							-	-	-	-	-	-	-	-	-	-	
LOUISVILLE UPPER GAGE	1.48		.70					.39							.15							T	.24									

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
DECEMBER 1970																																	
ANCHORAGE	MAX	70	68	69	69	44	37	37	56	59	58	61	56	37	48	52	52	48	55	57	40	42	57	66	37	36	32	32	37	41	36	34	49.1
	MIN	57	48	52	34	24	18	13	25	43	33	48	35	32	23	23	36	35	33	39	29	35	39	35	17	20	11	21	11	21	15	25	30.0
* * *																																	
JANUARY 1971																																	
CAMPBELLSVILLE 2 SSW	MAX	36	44	57	57	36	26	27	25	33	48	50	55	53	62	56	32	44	34	33	34	40	48	45	43	54	54	31	28	58	58	30	42.9
	MIN	13	30	31	34	22	14	8	13	22	26	39	40	45	51	29	11	28	22	11	9	24	32	26	29	36	29	7	15	18	28	8	24.2
* * *																																	
FEBRUARY 1971																																	
GOLDEN POND 8 N	MAX	25	27	32	46	58	44	43	34	25	20	39	52	42	20	35	39	58	65	72	63	57	64	57	42	58	65	67	55				46.6
	MIN	7	9	12	31	30	24	27	15	5	7	8	39	10	6	20	26	31	38	44	41	38	40	32	28	27	50	41	39				25.9
* * *																																	
MARCH 1971																																	
BEREA COLLEGE	MAX																																
	MIN																																
MIDDLESBORO	MAX	60	68	60	42	35	54	54	38	36	49	43	57	62	63	72	67	61	47	60	51	40	58	57	43	42	43	38	59	65	58		52.7
	MIN	32	43	35	21	16	16	30	24	17	17	34	34	36	42	46	44	30	21	20	28	17	22	31	20	20	32	25	26	45	27		28.4
PIKEVILLE	MAX	72	62	56	37	58	62	54	34	50	45	59	67	69	80	69	63	50	64	53	38	62	56	45	43	50	48	59	74	61	55	71	57.0
	MIN	38	41	28	22	16	30	32	25	19	29	38	34	38	40	55	42	31	22	38	31	24	41	32	20	25	33	29	35	48	32	27	32.1
* * *																																	
APRIL 1971																																	
GREENVILLE 2 W	MAX	68	56	66	63	58	50	57	72	73	67	78	81	79	64	69	77	83	84	85	86												
	MIN	52	29	30	38	38	32	29	36	45	37	40	46	57	31	31	39	51	62	53	53												

DAILY SOIL TEMPERATURES

KENTUCKY
JUNE 1971
DELAYED DATA

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * * OCTOBER 1970 LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	79	77	72	78	80	83	77	67	71	74	74	73	78	79	63	57	69	72	66	61	61	68	74	65	79	79	75	61	60	71	70	71.4
		MIN	50	53	52	49	47	52	57	62	60	53	57	59	65	63	48	40	37	38	44	52	56	49	57	50	55	55	53	56	53	47	42	52.0
	2	MAX	76	74	69	74	75	78	73	65	70	71	70	72	76	75	67	62	64	67	63	60	60	62	69	63	74	73	71	62	60	68	62	68.5
		MIN	53	57	56	49	51	55	59	63	62	56	58	60	66	67	52	45	40	42	47	54	57	52	58	52	57	57	55	57	55	51	45	54.5
	4	MAX	69	70	71	69	70	72	71	65	68	68	67	68	72	72	66	60	60	62	60	61	59	62	65	60	68	68	68	61	60	64	63	65.8
		MIN	57	58	61	53	54	58	61	64	63	59	60	62	66	65	58	50	45	46	50	52	58	57	57	54	58	59	58	59	56	54	48	56.8
	8	MAX	68	67	68	66	66	68	67	66	67	66	65	67	69	69	68	62	59	58	58	59	59	61	61	60	64	64	64	62	61	61	60	63.9
		MIN	62	62	64	59	59	62	63	65	64	62	63	63	66	66	62	57	54	52	49	50	59	58	56	57	59	60	60	61	59	57	57	59.6
(SOD)	1	MAX	70	68	66	65	65	67	67	66	67	66	66	68	70	69	67	62	59	60	59	60	60	61	62	60	64	64	64	62	61	61	60	64.1
		MIN	63	63	63	59	59	61	62	64	60	62	63	64	64	66	62	57	56	53	53	52	59	58	57	58	59	60	60	56	58	56	54	59.4
	2	MAX	70	69	67	66	66	67	67	66	67	66	66	68	69	69	68	63	60	60	60	60	60	62	62	61	64	64	64	63	61	61	60	64.4
		MIN	64	64	64	60	60	62	63	65	65	63	63	64	67	67	63	58	57	54	54	53	59	59	58	59	60	61	61	57	59	58	55	60.5
	4	MAX	70	69	68	68	66	67	67	66	67	66	66	65	67	69	69	66	61	59	60	60	61	61	61	61	63	64	64	63	62	61	60	64.4
		MIN	65	65	65	62	61	62	64	65	65	64	63	65	65	67	66	60	56	55	57	58	60	59	58	59	60	61	61	62	60	59	56	61.5
	8	MAX	69	68	68	67	65	66	66	66	67	67	66	67	68	68	67	66	62	60	60	60	61	61	61	61	63	63	63	62	63	61	60	64.3
		MIN	67	66	67	62	63	64	65	65	66	65	66	66	67	67	66	62	59	58	58	58	60	59	59	60	60	62	62	62	61	60	59	62.6
	20	7PM	67	69	68	68	67	67	66	66	66	66	66	66	67	67	67	65	64	63	62	62	62	62	62	62	62	62	62	62	62	62	62	64.5
	40	7PM	70	70	69	69	68	68	68	67	67	67	67	67	67	67	67	66	66	66	65	65	65	64	64	64	64	64	64	63	63	63	63	66.0
* * * NOVEMBER 1970 LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	67	56	53	51	59	60	64	67	58	64	68	60	60	55	39	46	49	50	56	53	55	48	35	30	33	43	55	60	60	66		54.0
		MIN	44	45	39	42	39	36	41	38	45	51	44	48	45	38	35	33	33	36	40	36	35	35	26	23	23	32	40	52	49	50		39.1
	2	MAX	64	57	53	50	57	58	61	62	57	60	64	58	59	50	42	45	48	48	54	52	52	48	38	31	33	43	52	57	59	63		52.5
		MIN	47	47	42	44	43	39	44	40	47	52	46	49	48	42	38	37	36	38	41	39	38	38	31	27	27	33	38	52	50	52		41.5
	4	MAX	60	55	52	50	54	54	57	58	55	57	59	56	56	50	45	44	45	47	49	50	49	48	42	36	33	43	49	54	56	59		50.7
		MIN	50	50	45	47	47	43	46	44	49	53	49	51	49	45	41	40	39	40	43	43	41	42	36	32	32	33	37	49	50	53		44.0
	8	MAX	59	56	54	51	53	53	54	56	55	56	57	55	55	53	50	45	45	47	50	50	50	49	44	40	37	43	45	52	53	53		50.7
		MIN	54	54	50	50	50	48	49	48	52	54	53	53	53	50	45	44	43	43	46	44	45	44	40	37	37	37	36	45	50	51		46.8
(SOD)	1	MAX	59	56	54	53	54	54	55	55	55	56	57	53	56	53	49	47	47	48	50	50	49	48	45	39	37	43	48	51	53	55		51.0
		MIN	55	54	51	52	51	49	51	49	53	54	53	49	53	49	46	45	45	46	47	47	45	45	39	36	36	37	43	48	50	52		47.7
	2	MAX	59	57	55	54	54	54	55	55	55	56	57	54	56	54	50	48	48	48	50	51	49	48	47	40	38	43	48	51	53	55		51.4
		MIN	56	55	53	53	52	50	52	50	53	55	54	49	54	50	47	45	46	47	48	48	46	47	40	37	37	38	43	48	50	52		48.5
	4	MAX	59	57	56	55	54	54	55	55	55	56	57	55	55	54	51	48	48	48	51	51	50	48	47	42	39	43	48	50	52	54		51.6
		MIN	56	56	54	54	52	51	52	51	54	55	55	50	54	51	48	46	47	47	48	49	47	47	42	38	38	39	43	48	50	52		49.1
	8	MAX	59	58	57	56	55	54	55	55	55	56	57	56	56	55	53	51	49	49	52	52	51	50	49	46	42	44	47	50	51	53		52.4
		MIN	58	57	56	55	54	53	53	53	54	55	56	51	55	53	51	47	48	49	49	51	50	49	46	42	42	41	44	47	50	51		50.7
	20	7PM	61	60	59	59	58	57	57	57	57	57	57	57	57	57	56	55	54	53	53	53	53	52	51	50	49	48	48	49	50	51		54.5
	40	7PM	63	62	62	62	62	61	61	60	60	60	60	60	60	60	59	59	58	58	58	57	57	56	55	55	55	54	54	53	53	53		58.2
* * * JANUARY 1971 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	36	40	40	45	46	41	45	41	35	36	36	40	45	50	48	45	41	41	40	37	36	36	38	39	40	41	40	36	36	35	36	40.0
		MIN	35	36	39	40	40	37	41	34	35	35	34	36	40	45	45	39	40	40	35	35	35	35	34	38	36	40	35	35	35	34	35	37.2
	20	6PM	42	42	41	44	44	43	40	40	40	40	40	40	41	44	45	45	43	43	41	40	40	40	40	40	40	40	40	40	40	40	40	41.2
* * * JANUARY 1971 LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	36	33	33	33	33	37	37	51	45	31	33	41	42	33	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	25	21	20	26	33	33	33	35	28	20	25	30	33	33	-
	2	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	33	33	33	33	34	34	36	47	44	33	27	35	36	33	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	28	26	23	27	33	33	33	35	33	26	24	27	33	33	-
	4	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35	34	33	33	34	33	35	42	42	35	34	33	34	33	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	34	33	29	31	33	33	33	34	35	33	31	32	33	33	-
	8	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	36	35	35	34	34	34	34	40	40	37	36	35	34	34	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35	35	34	33	34	33	33	34	37	36	35	34	34	34	-

See Reference Notes Following Station Index

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * * JANUARY 1971 LEXINGTON CAMPUS FARM																																		
(SOD)	1	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	36	35	33	33	34	37	38	41	41	35	34	33	35	34	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35	33	33	32	33	34	35	38	35	34	32	32	33	34	-
	2	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	37	36	34	34	34	37	38	41	41	36	35	34	35	35	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	36	34	34	34	34	34	36	38	36	35	33	33	34	34	-
	4	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	38	36	35	35	35	37	38	40	41	36	35	34	34	35	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	36	35	35	34	35	35	37	38	36	35	33	34	34	34	-
	8	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	39	38	37	36	36	37	38	39	40	39	37	36	36	36	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	38	37	36	36	36	36	37	38	39	37	34	36	36	36	-
	20	7PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	42	41	41	40	40	40	40	40	40	40	40	40	39	39	-
	40	7PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	46	45	45	45	45	45	45	45	44	44	44	44	44	44	-
* * * FEBRUARY 1971 LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	33	34	34	46	47	48	43	34	34	34	34	34	34	34	34	34	35	61	56	53	53	63	40	53	50	53	59	57				43.7
		MIN	33	33	33	32	34	34	34	34	34	33	34	34	33	34	34	33	34	34	42	39	35	40	34	34	34	40	37	35				34.8
	2	MAX	34	34	34	43	47	43	40	35	35	35	35	35	34	35	35	35	36	56	53	51	50	53	42	49	50	52	55	58				42.6
		MIN	33	34	34	34	36	35	35	35	35	34	34	34	34	34	34	34	34	34	42	41	36	42	36	35	35	40	40	36				35.7
	4	MAX	34	35	35	40	44	40	38	36	35	35	35	35	34	35	35	35	37	49	49	48	44	54	44	45	45	50	51	48				40.9
		MIN	33	34	34	34	37	37	35	35	35	35	35	34	34	34	35	35	35	35	42	44	38	44	37	37	37	41	43	38				36.7
	8	MAX	35	35	36	37	42	39	37	37	36	36	36	36	35	36	36	36	36	44	47	47	45	50	46	43	43	47	48	46				40.3
		MIN	34	35	35	35	37	37	37	36	35	35	36	35	35	35	35	35	35	35	42	45	40	43	39	38	38	42	44	41				37.5
(SOD)	1	MAX	34	33	33	35	41	38	37	36	36	36	36	36	36	35	36	36	40	43	45	41	44	48	44	42	43	47	47	45				39.4
		MIN	33	33	33	33	35	36	36	36	36	35	35	36	35	35	34	35	36	35	41	39	40	43	40	39	39	41	44	41				36.9
	2	MAX	35	34	34	35	40	38	38	36	36	36	37	37	37	36	36	37	40	43	45	41	44	48	45	43	43	46	47	45				39.7
		MIN	34	34	33	34	35	34	36	36	36	36	36	37	36	35	35	36	36	36	41	39	41	43	40	39	40	42	44	42				37.4
	4	MAX	35	34	34	35	40	38	37	37	36	36	37	37	37	37	36	37	39	41	44	40	43	47	45	42	42	45	46	45				39.4
		MIN	34	34	34	34	35	36	36	36	36	36	36	37	36	36	35	36	36	36	40	39	40	43	41	40	40	42	44	42				37.5
	8	MAX	36	36	36	36	39	39	38	38	37	37	37	38	37	37	37	37	38	39	42	43	43	45	45	42	42	44	45	45				39.6
		MIN	36	35	35	35	36	38	37	37	37	37	37	37	37	36	36	37	37	37	39	42	42	42	41	41	41	42	44	43				38.4
	20	7PM	39	39	39	38	39	39	39	39	39	39	39	39	39	39	39	39	38	39	40	41	42	42	43	42	42	42	43	43				40.0
	40	7PM	43	43	43	43	43	42	43	42	42	42	42	42	42	42	42	42	41	41	41	42	42	43	43	43	43	43	43	44				42.4
* * * MARCH 1971 BEREA COLLEGE																																		
	4	MAX	54	54	54	41	45	47	49	43	40	45	50	-	48	60	60	61	52	49	55	48	50	42	47	48	48	45	51	49	51	50	53	49.6
		MIN	-	44	41	39	38	37	43	37	36	40	40	-	44	48	54	48	43	43	47	42	39	39	40	38	40	40	35	46	49	43	45	42.0
	20	5PM	47	48	48	46	45	47	46	45	44	44	44	-	45	48	50	51	50	49	49	50	47	47	47	47	47	46	45	47	48	49	49	47.2
* * * MARCH 1971 LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	66	62	38	35	40	50	42	39	50	43	62	61	66	71	64	49	58	62	46	44	56	51	51	52	51	48	60	67	65	67	73	54.5
		MIN	34	38	35	35	35	34	34	33	29	34	34	36	43	42	43	35	34	33	35	34	31	36	32	28	31	34	33	39	35	32	34	34.7
	2	MAX	60	58	40	36	41	48	40	39	46	41	57	57	61	65	61	48	54	57	45	43	53	49	41	47	45	46	60	62	60	61	67	51.2
		MIN	36	40	36	36	36	35	35	34	33	35	35	47	43	44	46	30	36	35	37	36	34	38	35	31	34	36	34	41	39	35	37	36.7
	4	MAX	54	52	48	38	42	45	41	37	41	40	50	51	56	59	57	53	48	51	45	42	47	47	43	43	42	43	52	54	54	54	59	48.0
		MIN	38	48	38	37	38	36	36	36	-	36	36	39	45	45	49	38	36	37	39	38	36	40	37	35	35	37	36	42	38	38	39	38.6
	8	MAX	49	48	45	39	43	43	42	38	39	39	46	48	52	54	54	51	46	47	45	41	45	45	43	40	41	42	47	51	51	50	53	45.7
		MIN	40	43	39	38	39	37	38	37	36	37	38	40	45	46	51	44	40	40	41	39	38	41	39	37	37	38	38	43	44	41	42	40.2
(SOD)	1	MAX	48	47	44	41	40	45	42	38	40	40	44	46	50	52	57	49	45	46	45	41	45	45	42	42	42	42	46	49	46	48	45	45.0
		MIN	34	43	41	40	37	39	30	36	35	38	38	40	44	42	49	43	41	39	41	39	38	42	39	36	38	40	38	43	45	41	32	39.4
	2	MAX	47	47	45	41	40	44	42	39	40	40	44	46	49	55	58	50	44	46	45	42	45	45	43	43	42	42	46	49	48	48	49	45.3
		MIN	42	44	41	40	39	39	38	37	36	38	35	41	44	44	50	44	41	40	42	41	39	42	40	38	39	40	39	43	46	42	43	40.9
	4	MAX	46	47	45	42	40	43	42	39	39	40	43	45	44	50	51	50	45	43	45	42	44	44	43	42	42	42	45	48	48	47	48	44.3
		MIN	42	44	42	40	39	40	39	37	35	38	39	41	41	44	50	45	43	36	42	41	39	42	40	38	39	40	39	43	46	43	43	41.0
	8	MAX	45	45	45	43	42	42	42	40	39	40	40	44	46	48	49	49	46	45	45	44	43	44	44	42	42	42	43	46	46	46	47	44.0
		MIN	42	44	43	42	41	40	40	37	36	39	39	40	44	45	48	46	44	43	41	42	41	43	42	41	41	41	41	43	45	44	44	42.0

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

KENTUCKY
JUNE 1971
DELAYED DATA

Continued

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * * MARCH 1971 LEXINGTON CAMPUS FARM																																		
(SOD)	20	7PM	44	44	44	43	43	42	42	42	41	41	41	42	43	44	45	47	45	45	45	44	44	44	44	43	42	43	43	44	44	45	45	43.5
	40	7PM	44	44	44	45	45	44	44	44	44	44	44	44	44	44	44	46	45	45	45	45	46	45	45	45	45	45	45	45	45	45	45	44.6
* * * APRIL 1971 GREENVILLE 2 W																																		
	4	MAX	54	51	54	55	56	50	51	54	56	58	60	60	61	60	61	63	64	65	69	68	-	-	-	-	-	-	-	-	-	-		-
		MIN	51	47	45	49	50	46	43	45	46	50	50	54	57	53	53	52	53	53	62	62	-	-	-	-	-	-	-	-	-	-		-
	20	5PM	48	49	48	48	48	49	48	48	49	50	50	51	52	52	52	53	54	55	56	57	-	-	-	-	-	-	-	-	-	-		-
* * * APRIL 1971 QUICKSAND																																		
	4	MAX	52	50	51	53	54	54	52	55	55	56	58	60	60	60	59	60	60	67	63	63	63	61	61	55	57	57	55	60	61	60		51.7
		MIN	46	46	43	44	47	48	45	45	46	47	47	49	52	52	49	50	51	54	54	54	56	55	54	52	51	52	51	55	55	53		50.1
	20	4PM	46	47	47	47	47	48	48	48	48	49	49	49	51	52	52	52	52	53	54	55	55	55	55	55	54	54	54	54	55	55		51.3

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * JANUARY 1971																																
CAMPBELLSVILLE 2 SSW	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELKTON 2 S	SNOWFALL	T								T									T	T												1.0
	SN ON GND	T								T									T													1
* * * MARCH 1971																																
BEREA COLLEGE	SNOWFALL			4.0																							-					
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLESBORO	SNOWFALL				3.0			2.5													T						T					
	SN ON GND				3	-	T	3													T						T					
PIKEVILLE	SNOWFALL			2.4	1.1			T	T									T		T	1.1			T			1.6					
	SN ON GND			2																												

STATION INDEX

KENTUCKY
JUNE 1971

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL SEE NOTES	
ADDISON DAM 43	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS. BARBARA H. COOL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIE
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	JAUNITA E HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALHAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	8A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELE
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY H. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURCHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 08	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	682		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 48	462	5P	5P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5087	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA Y HORNE
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 58	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			CLAY & DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 48	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 58	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	3	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	658[illegible]	01	CALDWELL	3	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			V D SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL P
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS H. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850					MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585					INACTIVE 4/1/71
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

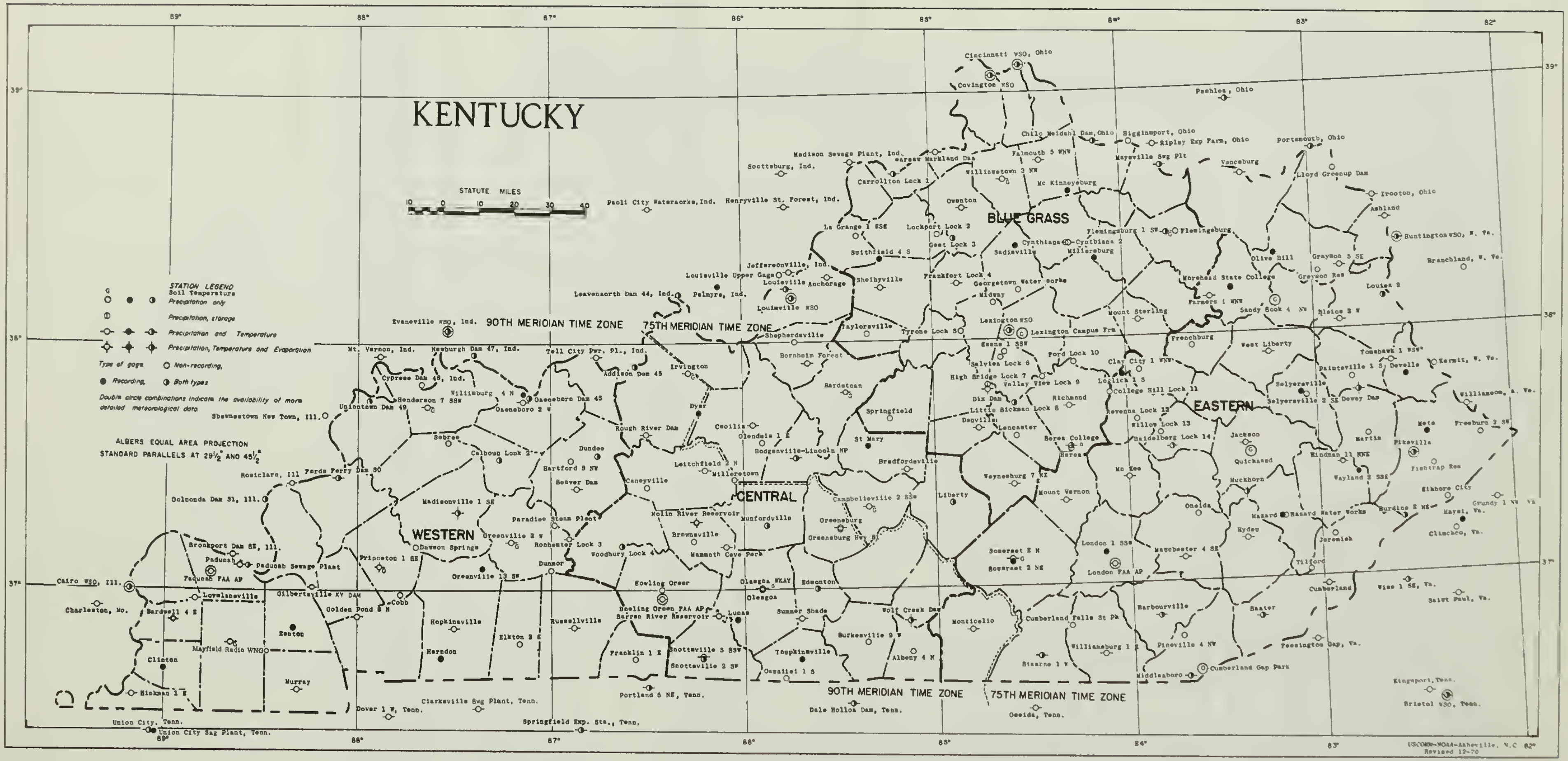
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE- 7/27/71-870


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
G
Soil Temperature
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording, ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data.
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
Cincinnati WSO, Ohio
Covington WSO
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind.
Markland Dam
Falmouth 5 WNW
Maysville Sew Plt
Vanceburg
Scottsburg, Ind.
Williamstown 3 NW
Mc Kinneysburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Carrollton Lock 1
Owenton
Huntington WSO, W. Va.
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
La Grange 1 SSE
Lockport Lock 2
Gest Lock 3
Flemingsburg 1 SW
Flemingsburg
Branchland, W. Va.
Smithfield 4 S
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Olive Hill
Grayson 3 SE
Grayson Res
Jeffersonville, Ind.
Louisville Upper Gage
Louisville Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Louisa 2
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WSO
Farmers 1 WNW
Sandy Hook 4 NW
Blaine 2 W
Evansville WSO, Ind.
Taylorsville
Tyrone Lock 5
Lexington WSO
Lexington Campus Frm
Mount Sterling
Shepherdsville
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Bernheim Forest
Irvington
Addison Dam 43
Bardstown
Keene 1 SSW
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Ford Lock 10
Clay City 1 WNW
Heidelberg Lock 11
College Hill Lock 11
Paintsville 1 S
Daveile
Williamson, W. Va.
Cypress Dam 48, Ind.
Williamsburg 4 N
Henderson 7 SSW
Uniontown Dam 49
Owensboro Dam 46
Owensboro 2 W
Dix Dam
Little Hickman Lock 8
Danville
Lancaster
Richmond
Ravenna Lock 12
Willow Lock 13
Salyersville
Salyersville 2 SE
Dewey Dam
Shawneetown New Town, Ill.
Rough River Dam
Dyer
Cecilia
Springfield
Berea College
Berea
Heidelberg Lock 14
Jackson
Mete
Freeburn 2 SW
Sebree
Calhoun Lock 2
Dundee
Hartford 8 NW
Beaver Dam
Glendale 1 E
Hodgenville-Lincoln NP
St Mary
Bradfordsville
Leitchfield 2 N
Millerstown
Caneyville
Liberty
Waynesburg 7 NE
Mount Vernon
Mc Kee
Quicksand
Martin
Hindman 11 NNE
Pikeville
Wayland 2 SSE
Fishtrap Res
Elkhorn City
Grundy 1 NW Va.
Rosiclare, Ill
Fords Ferry Dam 50
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Campbellsville 2 SSW
Greensburg
Greensburg Hwy St
Oneida
Hazard
Hazard Water Works
Mouthorn
Hyden
Burdine 2 NE
Maysi, Va.
Clinchco, Va.
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Western
Dawson Springs
Greenville 2 W
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSE
London FAA AP
Manchester 4 SE
Jeremiah
Princeton 1 SE
Greenville 13 SW
Dunmor
Bowling Green
Glasgow WKAY
Glasgow
Edmonton
Tilford
Cumberland
Cairo WSO, Ill.
Lovelaceville
Gilbertsville KY DAM
Golden Pond 8 N
Cobb
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Wise 1 SE, Va.
Saint Paul, Va.
Charleston, Mo.
Bardwell 4 E
Mayfield Radio WNGO
Benton
Hopkinsville
Elkton 2 S
Russellville
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Burkesville 9 W
Albany 4 N
Williamsburg 1 E
Pineville 4 NW
Stearns 1 W
Middlesboro
Cumberland Gap Park
Pennington Gap, Va.
Kingsport, Tenn.
Bristol WSO, Tenn.
Clinton
Murray
Herndon
Hickman 1 E
Dover 1 W, Tenn.
Clarksville Swg Plant, Tenn.
Portland 5 NE, Tenn.
Ossuilai 1 S
Dale Hollow Dam, Tenn.
Oneida, Tenn.
Union City, Tenn.
Union City Swg Plant, Tenn.
Springfield Exp. Sta., Tenn.
USCOMM-NOAA-Asheville, N.C
Revised 12-70

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
JULY 1971
Volume 66 No. 7

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	87.4	64.4	75.9		97	9	47	31	0	14	0	0	0	5.88		3.44	15	.0	0		8	2	1
BEAVER DAM	85.8M	63.8M	74.8M		93	10+	48	31	5	7	0	0	0			.62	14	.0	0				0
FOROS FERRY DAM 50	86.7	66.2	76.5		98	13	52	31	0	7	0	0	0	2.46	- .70	1.09	19	.0	0		6	1	1
GILBERTSVILLE KY DAM	89.5	68.5	79.0		99	13	55	31	0	15	0	0	0	6.72		1.94	10	.0	0		10	5	2
GOLDEN POND 8 N	85.8	66.8	76.3		94	14+	52	31	2	7	0	0	0	4.41		.78	15	.0	0		10	3	0
GREENVILLE 2 W	84.1M	62.6M	73.4M	- 4.2			49	31	4		0	0	0	5.78	1.41			.0	0				
HENDERSON 7 SSW	85.6	66.8M	76.2M	- 2.4	97	9			0	6	0	0	0	5.55	2.15	1.99	14	.0	0		9	2	2
HICKMAN 1 E	86.7	64.8	75.8		96	13+	49	31	3	10	0	0	0	3.83		1.23	15	.0	0		8	3	1
HOPKINSVILLE	87.2	64.9	76.1	- 2.4	96	10+	51	31	4	11	0	0	0	4.51	.58	1.10	10	.0	0		9	2	2
LOVELACEVILLE	87.5	63.6	75.6	- 3.4	98	13+	47	31	4	12	0	0	0			4.48	15	.0	0			3	2
MADISONVILLE 1 SE	87.0	62.9	75.0		97	9	49	31	2	11	0	0	0	4.96		1.38	19	.0	0		10	3	2
MAYFIELD RADIO WNGO	86.3M	63.7M	75.0M		96	9	49	31	2	9	0	0	0	5.83		3.46	15	.0	0		7	2	2
MURRAY	86.7	65.9	76.3	- 2.8	98	9	52	31	1	10	0	0	0	6.33	2.40	2.65	15	.0	0		10	3	2
OWENSBORO 2 W	86.4	65.2	75.8	- 2.6	95	9+	49	31	1	9	0	0	0	4.32	.82	1.80	14	.0	0		8	2	1
PADUCAH FAA AIRPORT	85.4	65.9	75.7		97	13	52	31	1	8	0	0	0	5.37		2.00	15	.0	0		7	3	2
PADUCAH SEWAGE PLANT	87.8	65.9	76.9		98	14	51	31	2	11	0	0	0	5.78	2.30	1.09	24	.0	0		10	5	2
PRINCETON 1 SE	86.3	65.3	75.8	- 3.0	94	14+	50	31	2	9	0	0	0	4.39	.94	.87	19	.0	0		8	4	0
ROCHESTER LOCK 3	84.4	64.4	74.4		94	10	52	31	5	6	0	0	0	6.71		1.47	27	.0	0		9	5	2
RUSSELLVILLE	85.1	64.4	74.8	- 3.5	95	10	52	31	6	7	0	0	0	4.91	.60	.85	19	.0	0		11	5	0
DIVISION			75.8	- 2.8										5.16	1.[illegible]			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN	85.5	62.6	74.1		95	8	52	28	0	7	0	0	0	6.31		.87	14	.0	0		13	8	0
BARREN RIVER RESERVOIR	86.3	64.6	75.5		97	10	57	31+	1	11	0	0	0	7.76		1.98	29	.0	0		12	5	2
BERNHEIM FOREST	86.1	62.3	74.2		93	9+	50	28	1	7	0	0	0	7.10		[illegible]	10	.0	0		9	5	3
BOWLING GREEN FAA AP	85.5	66.0	75.8	- 3.3	95	9	56	31	0	9	0	0	0	7.66	3.47	[illegible]	[illegible]	.0	0		9	5	3
BRADFORDSVILLE	84.9	62.5	73.7		93	10	51	28	0	4	0	0	0	11.78		3.88	19	.0	0		11	6	3
CAMPBELLSVILLE 2 SSW																							
CECILIA	85.5	62.3	73.9	- 2.9	95	9	51	31	2	3	0	0	0	4.83	.71	1.64	19	.0	0		8	3	2
GLASGOW WKAY	83.5	63.5	73.5		92	9	54	31+	1	3	0	0	0	12.20		2.36	14	.0	0		12	10	3
GREENSBURG	87.3	64.1	75.7	- 1.7	95	10+	55	29	0	11	0	0	0	8.09	3.62	3.80	19	.0	0		11	5	1
HODGENVILLE-LINCOLN NP	85.6	62.3	74.0		93	10+	53	31+	1	5	0	0	0	6.86		2.86	19	.0	0		9	3	2
IRVINGTON	84.3	62.8	73.6	- 4.1	92	9	48	31	6	4	0	0	0	5.31	1.77	1.66	14	.0	0		9	3	2
JAMESTOWN 8 SSW														10.97		2.00	19	.0	0				
LEITCHFIELD 2 N	84.8	63.7	74.3	- 3.4	94	9	52	31+	1	4	0	0	0	5.35	1.24	1.59	19	.0	0		9	4	2
LOUISVILLE	85.7	66.6	76.2		92	8+	56	31+	0	7	0	0	0	7.10		2.43	19	.0	0		11	5	2
LOUISVILLE WSO R	84.2	65.3	74.8	- 2.8	91	13+	53	31	0	4	0	0	0	6.74	3.38	3.35	18	.0	0		9	3	1
MAMMOTH CAVE PARK	85.2	62.1	73.7		93	10+	51	28	1	4	0	0	0	4.74		1.58	14	.0	0		7	4	2
NOLIN RIVER RESERVOIR	85.3	61.3	73.3		95	10	51	31+	5	7	0	0	0	5.36		1.18	19	.0	0		10	5	1
ROUGH RIVER DAM	85.8	62.9	74.4		95	10	48	31	7	8	0	0	0	6.67		1.40	14	.0	0		9	6	3
SCOTTSVILLE 3 SSW	83.9	65.8	74.9		92	9	57	31	0	4	0	0	0	8.20		2.03	26	.0	0		13	7	1
SUMMER SHADE	82.8	64.9	73.9		92	9	54	31	0	3	0	0	0	9.43		2.62	19	.0	0		11	5	3
DIVISION			74.4	- 3.0										7.50	3.35			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	84.5M	65.5M	75.0M	- 1.9	90	10+	55	28	0	3	0	0	0					.0	0				
CARROLLTON LOCK 1	83.8	63.2	73.5		91	10+	53	28	1	2	0	0	0	5.06	1.46	2.65	19	.0	0		9	2	1
COVINGTON WSO R	84.4	65.1	74.8	- .6	92	9	55	28	0	5	0	0	0	3.70	.09	1.10	28	.0	0		7	3	1
CYNTHIANA 2	85.0	61.0	73.0		92	10+	52	29+	0	5	0	0	0	3.96		1.38	19	.0	0		9	4	1
DANVILLE	83.7	62.8	73.3		91	11+	55	29+	0	3	0	0	0	5.73	1.12	1.42	11	.0	0		11	5	1
DIX DAM	84.4	64.6	74.5		92	9	55	21	0	4	0	0	0	5.21		1.20	19	.0	0		9	5	2
FALMOUTH 5 WNW	84.9	58.9	71.9		95	9	47	28	0	4	0	0	0	5.09	.83	2.05	19	.0	0		8	3	2
FARMERS 1 WNW	83.2	63.1	73.2	- 2.5	90	8	55	28+	0	1	0	0	0	8.61	3.82	1.65	7	.0	0		12	5	5
FLEMINGSBURG 1 SW	82.6	62.4	72.5		91	9	53	21	0	1	0	0	0	8.27		1.90	16	.0	0		11	5	4
FRANKFORT LOCK 4	85.9	62.7	74.3	- 3.0	94	10	55	29+	0	5	0	0	0	5.16	.66	1.95	19	.0	0		10	3	1
LEXINGTON WSO R	83.1	64.6	73.9	- 3.5	91	9	56	28+	0	2	0	0	0	7.64	3.66	2.01	18	.0	0		9	6	4
MAYSVILLE SEWAGE PLANT	84.5	62.0	73.3	- 2.5	94	10	57	29+	0	4	0	0	0	3.41	- 1.06	1.40	19	.0	0		8	2	1
MOUNT STERLING	82.3	64.2	73.3		89	8	55	21	0	0	0	0	0	7.95	2.82	1.75	19	.0	0		13	4	3
OWENTON .	83.1	64.2	73.7		92	10	54	31	3	3	0	0	0	3.88		1.95	19	.0	0		7	1	1
RICHMOND	84.1	63.4	73.8		92	10	54	28	0	3	0	0	0	7.72		1.38	11	.0	0		13	6	3
SHELBYVILLE	83.2	61.5	72.4	- 4.5	91	10	54	31+	3	1	0	0	0	8.55	4.66	3.21	29	.0	0		11	5	2
WARSAW MARKLAND DAM	84.2	61.0	72.6	- 3.9	92	10	54	29+	0	3	0	0	0	4.81	.93	2.66	19	.0	0		9	1	1
WAYNESBURG 7 NE	81.5	61.8	71.7		89	10+	51	28	1	0	0	0	0	8.99		2.82	31	.0	0		11	6	2
WILLIAMSTOWN 3 NW	83.2	63.2	73.2	- 3.8	92	9	56	31+	0	2	0	0	0	6.23	2.21	2.14	18	.0	0		10	5	1
DIVISION			73.4	- 3.3										6.11	1.51			.0					
* * *																							
EASTERN 04																							
ASHLAND	83.8	62.1	73.0	- 4.0	92	10	55	28	0	3	0	0	0	7.11	3.07	1.20	18	.0	0		15	5	2
BARBOURVILLE	85.6M	63.0M	74.3M		93	11+	57	21	0	4	0	0	0	5.43		1.95	20	.0	0		9	4	1
BAXTER	84.5	62.6	73.6		91	11+	58	23+	0	4	0	0	0	8.26		2.22	29	.0	0		13	3	2
BLAINE	83.9	60.0	72.0		91	10	52	18	4	3	0	0	0	9.28		1.99	11	.0	0		12	7	4
CUMBERLAND	83.2	60.1	71.7		89	10+	54	28+	0	0	0	0	0	6.47		1.20	15+	.0	0		12	5	2

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See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 91

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM																							
GRAYSON 5 SE	83.8	59.8	71.8		93	10	52	28	0	3	0	0	0	6.17		1.35	18	.0	0		12	5	1
HEIDELBERG LOCK 14	85.6	64.4	75.0		90	9+	55	28	0	2	0	0	0	5.07	- .07	1.96	31	.0	0		8	3	2
HINDMAN 11 NNE	84.3	62.1	73.2		92	8	56	28	0	3	0	0	0	5.48		1.95	19	.0	0		10	3	1
HYDEN	83.4	62.6	73.0		90	11+	59	31+	0	2	0	0	0	4.44		.70	31	.0	0		10	4	0
JACKSON	86.8	63.8	75.3		95	10	59	29+	0	10	0	0	0	7.46		2.25	7	.0	0		9	5	3
LONDON FAA AP	82.6	63.4	73.0		90	9	54	21	0	1	0	0	0	6.02		1.53	19	.0	0		11	3	3
MANCHESTER 4 SE	83.2	62.8	73.0		89	10+	54	3	0	0	0	0	0	6.03		1.25	19	.0	0		9	5	2
MC KEE	82.3	60.3	71.3		89	11+	52	28	1	0	0	0	0	6.48		1.20	31	.0	0		13	6	2
MIDDLESBORO	83.9	62.1	73.0		91	10	57	29+	0	2	0	0	0	6.27		1.20	31+	.0	0		12	4	3
MONTICELLO	84.2	64.6	74.4		91	9	55	28	0	3	0	0	0	10.76		2.64	19	.0	0		15	8	3
MOUNT VERNON	83.0	63.3	73.2		89	10+	53	28	0	0	0	0	0	8.77		2.78	30	.0	0		9	7	3
PIKEVILLE	86.1M	65.3M	75.7M		93	9+			0	8	0	0	0	3.44	- 1.75	1.00	19	.0	0		8	2	1
SOMERSET 2 N	83.0	62.6	72.8		93	9	54	22+	0	2	0	0	0	7.07		2.54	19	.0	0		11	4	2
STEARNS 1 W	84.6	63.3	74.0		92	10	59	28+	0	1	0	0	0	10.45		1.78	19	.0	0		14	9	3
TOMAHAWK 1 WSW	84.6	61.2	72.9		93	10	55	28+	0	3	0	0	0	7.15		1.45	19	.0	0		11	8	2
VANCEBURG	83.6	59.7	71.7		91	9	52	28	0	2	0	0	0	5.62	1.06	1.45	11	.0	0		9	4	2
WEST LIBERTY	83.5	61.9	72.7		90	11+	56	22+	0	3	0	0	0	13.02		4.86	18	.0	0		12	7	4
WILLIAMSBURG 1 E	83.8	62.8	73.3	- 3.9	90	9	55	3	0	1	0	0	0	7.30	2.40	2.07	29	.0	0		13	5	1
DIVISION			73.2	- 3.2										7.11	2.35			.0					

EXTREMES

HIGHEST TEMPERATURE GILBERTSVILLE KY DAM	99	DATE	13
LOWEST TEMPERATURE 3 STATIONS	47	DATE	31+
GREATEST TOTAL PRECIPITATION GLASGOW	15.02		
LEAST TOTAL PRECIPITATION ELKTON 2 S	2.19		
GREATEST 1 DAY PRECIPITATION WEST LIBERTY	4.86	DATE	18

See Reference Notes Following Station Index

KENTUCKY - JULY 1971

SPECIAL WEATHER SUMMARY

July was a relatively cool month, and, in a number of sections, a wet month. There were flash floods in several areas, at least 2 tornadoes, and numerous thunderstorms. However, reported casualties were relatively few - a lightning fatality in Hancock County on the 13th, and injuries (3) due to wind on the 13th and 25th.

Temperatures over much of the Commonwealth averaged from 2° to 4° below normal. At a number of locations it was the coolest July since 1967. Early morning temperatures for several dates toward the end of the month were at near-record levels or set new records at a number of points. On the 31st, the mercury dipped to 48° to 49° at a number of points in western Kentucky and dropped to 47° at several locations.

Rainfall was spotty in shower activity, light in some locations, but moderate to heavy at a number of points. In the vicinity of Glasgow, rainfall totaled about 12 inches at one station and about 15 inches at another station, the heaviest July rainfall there since the beginning of record (1933). Totals ranged from 6 to 10 inches at a number of locations.

Several dates had heavy downpours in one or more areas. As a result, there was serious flash flooding in several areas, and in other areas, local flash flooding confined to low places. An unofficial total of more than 9 inches of rain at Campton in eastern Kentucky on the 6th brought flash flooding to that area, and there was flash flooding on that date in several south-central counties. On the 17th and 18th there were heavy rains over much of Kentucky and especially in the northeast. On the 18th a total of 3.35 inches set a new record at Louisville, and at several other locations there were 24-hour totals ranging from 4 to 5 inches. As a result, flash flooding was serious in portions of Morgan and Elliot Counties, with flooding also occurring in some sections of the adjacent counties of Rowan, Carter, and Magoffin. News reports indicated that the Licking River rose to bankfull at one or more locations. Preliminary estimates indicated damage in excess of $2 million. Also in this area, from the 17th to the 22d, the Licking River, fed by this heavy rainfall, inched toward the top of an earthen coffer dam at the $45 million Cave Run Dam and reservoir project. The crest on the 22d was just inches below the top of the dam which had been built up by massive sandbagging. Fifteen hundred persons in Bath and Rowan Counties in the 10-square-mile area below this dam left their homes as a precaution.

At least 2 tornadoes were observed - in Boyle County on the 11th and in Henry and Shelby Counties on the 18th. There were no casualties, but there was some property damage. At least a dozen funnel clouds aloft were reported during the month. There were a number of days with thunderstorm activity, with damage on a number of dates due to wind, hail, rain, and lightning. Hail and wind damage was extensive in several Purchase Counties in western Kentucky on the 15th, with estimates of damage from $1 to $3 million. High winds with gusts to 84 m.p.h. were observed at Louisville on the 13th.

For further details for these and other events see the accompanying tables and this month's issues of STORM DATA and CLIMATOLOGICAL DATA NATIONAL SUMMARY.

A. B. Elam, Jr.
Climatologist for Kentucky
Room 205, Agricultural Experiment Station
University of Kentucky
Lexington, Kentucky 40506

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	5.88					.01	.12				.23	.26				3.44			T	.08				.18	.95	.07	.09		.30	T	.15	
BEAVER DAM	-						.05					.16			.62										-		.04	.03	.05		.29	
CALHOUN LOCK 2	3.61	.19					.31					.45			.78	.29	T			.34					T		T	.91		.34	T	T
COBB	3.91										.15		.35		.18	.58	.35			.48					.25	T	T	T		1.02	.10	.45
DAWSON SPRINGS	2.42	T									.25	.17	.25				.20								.20	.03		.75		.26	.05	.26
DUNDEE	3.74						.08				T				1.48					1.12							1.00	.06				
DUNMOR	4.63	.02						.02			.17	.07	.03		.17	.74	.22			1.56					.11	T	.57	.11		.73	.07	.04
ELKTON 2 S	2.19		T				.15	.02			.01		.15		.10	.48	.24			.14	.12				.15	.10	.02	.05		.40	.02	.04
FORDS FERRY DAM 50	2.46	.02				.02	.08					.04	T		T	.44	.22			1.09					.16	T		T		.10	.03	.26
FRANKLIN 1 E	6.16		.22				.02				.23		.19		1.74	.49	.17			1.02	.06				.07	.18	.09	.84		.50	.12	.22
GILBERTSVILLE KY DAM	6.72						.63				1.94	.10	.07		.02	1.00				T				.07	.74	.35	.65	.45	.40	T	.30	
GOLDEN POND 8 N	4.41	.03				.02	.03				.22	.03	.76	.40		.78	.15			.11					.44	.05				.63	.31	.45
GREENVILLE 2 W	5.78	.25				.10	.93				*	*	*	*	*	*	*	*	*	2.55					.13	.02	1.07		.55	.05	.13	
HARTFORD 6 NW	3.30	1.46					.18					.11			.56	.38	.02			.29	T				T	.03	T			.18	T	.09
HENDERSON 7 SSW	5.55	.45				T	.04				1.00	.02		.40	1.99	.01				.28				T	.41		.39		.26		.30	
HICKMAN 1 E	3.83	T					.28				.20	.08				1.23			.02	.28				.10	.90	.02	T		.50	T	.22	
HOPKINSVILLE	4.51		.46								1.10		.39		.35	.37	.28			.21	.08				.10	.02	.07			1.04	.01	.03
LOVELACEVILLE	-										.12	.06				4.48				.07				.27	1.13	.93			.15		-	
MADISONVILLE 1 SE	4.96	.15										.16	.55		.31	1.09	.14			1.38					.07	T		.42		.48	T	.21
MAYFIELD RADIO WNGO	5.83	.07					.20					.29				3.46				.18					1.28	.10			.03		.22	
MURRAY	6.33	1.28								.08	.09	.35				2.65				.17				.10	.55	.31	.23		.29		.23	
OWENSBORO 2 W	4.32	.38					.80					.33			1.80					.45					.16			.22		.06		.12
OWENSBORO DAM 46	3.93	.37					.52					.41			.94	.57				.34					.20	T		.42		.05	.01	.10
PADUCAH FAA AIRPORT	5.37					.26	.08			.05	.17	T		T	.03	2.00	.03		.01	.01				.42	1.12	.04	T		.45	T	.70	
PADUCAH SEWAGE PLANT	5.78	.02				.01	1.06	T			.40	.10	.02			.65	.48			T	T				1.09	.24		.02		.77	.12	.80
PARADISE STEAM PLANT R	7.02	.38	.14			.80	.05				.18	.21	T		.80	.89	.08			.58	T				.03	T	.10	2.43		.33		.02
PRINCETON 1 SE	4.39						.07				.02	.07	.25		.18	.75				.87			T		.39	.09	.70		.79	.06	.15	
ROCHESTER LOCK 3	6.71	.02	.48				.94					.41	.04		.86	1.05	.07			.52	.03				.05	.05	.05	1.47		.49	.03	.15
RUSSELLVILLE	4.91		.18				T				.32		.04		.65	.71	.22			.85	.18				.17	.15	.02	.72		.64	.06	T
SEBREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNIONTOWN DAM 49 //	2.53	.17					.05					1.05			.48	.19	T			T					.34	.09				.16		
* * * CENTRAL 02																																
ADDISON DAM 45 //	6.61	.38					1.90	.02				.48			1.85	1.18	.20			.30					T	.12	.05	.08			.05	T
ALBANY 4 N	10.16	.15	1.40				.15	.05				.93	.64			.97				3.12	.22				.17		.16	.49		.95	.68	.08
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARDSTOWN	6.31		.10				.50			.50	.85	.55			.87				.60	.61					.08	.20	.45		.29	.50	.21	
BARREN RIVER RESERVOIR	7.76		.31				.03	.08			.06		.92		.28	1.11	.05			.85	.49				.02	.17	.14	.27		1.98	.52	.48
BERNHEIM FOREST	7.10	.68	.08			.05	.41				2.15	.77			1.13					1.06					.05	.27	.15		T	.18	.09	.03
BOWLING GREEN	5.84	.12	.08								.10	.12	.71		.74	.50				1.20	.12				.10	.04	.03	.32		1.55	.11	
BOWLING GREEN FAA AP	7.66	.21				.03	T			.96	T	1.43		.35	.86	.08				1.15				.03	.09	.03	.43		1.53		.48	
BRADFORDSVILLE	11.78	.58	.18				.40					2.25	.07		1.94					3.88	.12				.22		.04	.91		.40	.72	.07
BROWNSVILLE	3.71	.16	.06				.06								.81	.73				.61	T				.05	.02	.02	.07		1.02	.05	.05
BURKESVILLE 2 W	8.88	.70	.03				.28	.07				.94	1.37		.36	.63				1.78	.18					.02	.23	.35		1.25	.60	.09
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANEYVILLE	4.50	.85					.07								.41	.80				1.61							.22			.29		.25
CECILIA	4.83	T					.34			.35				.66	1.09				.12	1.64						.06				.36	.21	T
EDMONTON	11.20	.16	1.18				1.95	.05				.20	.94		.13	.67				3.50					.50	.26	.05	.28		1.10	.15	.08
GAMALIEL 1 S	7.25	T	.32				.17				.41	.27			.31	1.49	.11			.65	.03					T	.14	1.85		.98	.52	T
GLASGOW	15.02		1.25				.63	1.47			2.35	.40			1.65	1.22				1.85	.87					.12	.72	.30		1.74	.22	.23
GLASGOW WKAY	12.20	.02	.40				.37	.81			1.93	.67			2.36					2.32					.01	.76	.50		.80	.71	.54	
GLENDALE 1 E	4.69	.12	.44				T				.12	.32			.10	.42				2.20	.22					.11		.36		.17		.11
GREENSBURG	8.09	.03	.13				.20	T				.45	T		.75	.72				3.80	.52				.03	.13	.02	.02		.96	.19	.14
GREENSBURG HIWAY 61	8.13	.04	.08				.17					.57	T		.43	.96				3.62	.67				.15	.13	.04	.03		.88	.08	.28
HODGENVILLE-LINCOLN NP	6.86	.25	.75				.03		.03			.22		T	1.45					2.86					.08	.33		.05	.10	.43	.23	.05
IRVINGTON	5.31	.27				.10	1.55					.61		.04	1.66	.05				.33					.07	.13	.21		T	T	.28	.01
JAMESTOWN 8 SSW	10.97	.72	1.62				.43					1.12	.23		*	1.57				2.00	.05				.33	.03	.72	.20		.92	.96	.07
LEITCHFIELD 2 N	5.35	.90	.03				.18					.13	.14		.34	1.24				1.59					.01	T	.02	.01		.50	T	.26
LIBERTY	11.30	.30	.13				1.57	1.35				.71	.03		.31	1.36				3.64	.35					.03	.05	.28		.26	.47	.46
LOUISVILLE	7.10	.17				.14	.97			T	.04	1.02	.32		.24					2.43					.10	T	.90			.61	.16	
LOUISVILLE WSO R	6.74	T				.34	.87		T	.35	.61	.18		.47	.02			T	3.35	.04				T	.03	.01	.08		.18		.21	
LOUISVILLE UPPER GAGE	7.12	.18					.53			T	.30	.90	.03		.08				T	2.53	.32				.12	.08	.12	1.30		.55		.08
MAMMOTH CAVE PARK	4.74	.62	.05				.06				T	.03	T	T	1.58					.54					.07	.10	.31	.05		1.13	.20	
MILLERSTOWN	7.00	.84	.29				.01				T	.08	.08		2.15	.15				2.52					.03	.04	.02	.01		.57	.07	.14
MUNFORDVILLE	5.47	.17	.04				.09					T			.18	.90				1.46	.67				.02	.15	.18	T		1.34	.08	.19
NOLIN RIVER RESERVOIR	5.36	.67	.10				.19					.02			.81	.94	T			1.18	.14				.11	T	.08	.04		.85	.05	.18
ROUGH RIVER DAM	6.67	.45					.68			.05	.05	.15			1.40	1.20				1.07					.05	T	T	.59		.68	T	.30
SCOTTSVILLE 3 SSW	8.20	.81					.85				.05	.32	.12		.67	.28				.82					.13	.35	2.03		.92	.12	.73	
SCOTTSVILLE 2 SW	6.64	T	.30				.25				.02	.12	.15		.20	.55	.10			.90						.60	.35	1.60		.85	.20	.45
SHEPHERDSVILLE	6.52	.37	.25				1.95	.01			.18	.86	T		.68	.12				.82	.02				.04	.11	.09	.07		.87	T	.08
SUMMER SHADE	9.43	.30	T				.52			.03		.03			1.61	.04				2.62				.23	.30	.29	1.88		.87	.26	.45	
WOODBURY LOCK 4	6.10	.15	.35				T					.03	.43		.71	1.54	.04		.03	1.33	T				.05		.09	.76		.31	.06	.22
* * * BLUE GRASS 03																																
BEREA COLLEGE	-	.30	.12				.45					-			.19					.46				.05	.15		.05	.27		.07	1.21	
BEREA	5.35	.02	.27					.49			.06	1.92	.05		.19	.05				.37	.10				.18	.03	.03	.18		.07		1.34
CARROLLTON LOCK 1	5.06	.10					.22				T	.41	.03				.05		.10	2.65	.05				.12	.15	.07	.65		.43		.03
COVINGTON WSO R	3.70					.01					.61	.21				.14		.01	.44	.34				.01	.81	T	.01		1.10		.01	
CYNTHIANA	3.53	T					.04	.39				.46	T				.07			1.43	.23				.04	.09	.13	.05		.60	T	T
CYNTHIANA 2	3.96						.05	.51				.54					.10			1.38	.20				.08	.14	.14	.06		.66		.10
DANVILLE	5.73	.05	.19				.80	.39			T	1.42			.73	.07				.70	.10				.18	.01		.53		.29	.02	.25
DIX DAM	5.21	.67					.23					1.14			.72					1.20		.04					.51	.33		.16	.06	.15
FALMOUTH 5 WNW	5.09	T					.07					.53	.02				1.41		.03	2.05	.15					.21	.04	.14		.31		.13
FARMERS 1 WNW	8.61	.39	.29				.19	1.65			.04	.48	.39				1.04		1.15	1.03	.07				.09	T	.10	.08		.30	.03	1.29
FLEMINGSBURG	8.28		.29					.46			.07	1.20	.05				1.98		.77	.66	.70				.13	.04	.25	T		1.33	.11	.24
FLEMINGSBURG 1 SW	8.27	.24					.34			.17	T	1.39					1.90		.80	1.12	T			.12	.06	.32	T			1.58	.23	T
FORD LOCK 10	6.66	.08	.44				T	.34			.68	2.33	.36			.02				.96	.42	T			.14	.20	.06	.14		.13	T	.36
FRANKFORT LOCK 4	5.16	.13	T				.13	.92			.09	.34	.03				T			1.95	.08				.05	.21	.18	.12	T	.58		.35
GEORGETOWN WATER WORKS	4.85							.75			.10	.68	.26				.23			2.02						.35	.04			.42		
GEST LOCK 3	5.26	.43	.04				.11	.05				.20	T				.05			2.47	.23				.03	.02	T	.18		1.25		.20
HIGH BRIDGE LOCK 7	4.63	T	.03				.09	.15			.02	1.29	.04		.77	.02				.98	.29				.07	.03	.03	.44		.14	.04	.20
KEENE 1 SSW	6.39	.10					.12				1.20	1.43	1.07		.11					.97	.44		T		T		.41	.08	.02		.12	.32
LA GRANGE 1 ESE	5.85	.43				.17	.51	.02			.07	1.51	.12	T			.06	T	1.46	.08				T	.16	.11	.28	T		.78	.09	T
LANCASTER	5.32		.31				.31	.16			*	*	2.12		.31	.32				.74						*	*	.41		.39		.25
LEXINGTON WSO R	7.64	.07				.66	.10	.04		1.29	1.19	.22		T	.01	.01			2.01	.53				.07	T	.05	.08		.05	1.02	.24	
LITTLE HICKMAN LOCK 8	6.78	.14	.64				.48	.28			.10	1.75	.19		.55	.04				.70	.51			.11	.03	.07	.16	.74			.03	.26
LOCKPORT LOCK 2	4.43	.13					.12				.08	.20	.13				T			2.62	.17				.07	.02		.10		.70		.09
MAYSVILLE SEWAGE PLANT	3.41		T				.24					.84							.05	1.40	.11				.18	.19	T	T		.25	T	.15
MIDWAY	7.22	.53					.22	.78			.12	.81	.23							3.05	.10				.03	.32		.25		.58		.20
MOUNT STERLING	7.95	.25					1.67			.38	1.72	.57					.13	T	.33	1.75				.15	.03	.16	.19		T	.26	.36	
OWENTON	3.88	.28					.14				T	.40	T				.03		T	1.95	.27				.06	.05	.05	.17		.42		.06
RICHMOND	7.72	T	.92				.34	.59			.06	1.38	.14		.55	.03				1.35	.26			.02	.10	.13	.04	1.10		.25	.09	.37
SALVISA LOCK 6	5.62		.14			T	.28	.14			.73	1.01	.09		.29	.03				1.33	.03				.03	T	T	.37		.41	.02	.72
SHELBYVILLE	8.55	.39					.16	.19			.06	.68	.53							1.80	.30				.10	.08	.12	.84		3.21		.09
SPRINGFIELD	5.83						.91					.64			.47	.48				1.84								.82		.32	T	.35
TAYLORSVILLE	8.19	.15	.36				1.05	.35			.85	.64	.86		.81					2.38	.05				.10			.15		.24		.20
TYRONE LOCK 5	7.06	.69	T				.49	.03			.40	1.38	.14		T	.04				1.93	.07				.03	.07	.05	.51		.84		.39
VALLEY VIEW LOCK 9	5.62	.13	.01				.01	.05			.29	2.57	.52		.21	.01				.89	.10				T	.21	.17	.04		.11	.01	.29
WARSAW MARKLAND DAM	4.81	.16					.12					.28	T				.19		T	2.66					.29	.40	.04	.32		.35		

See reference notes following Station Index

DAILY PRECIPITATION

Continued

KENTUCKY
JULY 1971

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WAYNESBURG 7 NE	8.99		.52				.62	.35				.90	T		.32	.71		T		2.10					.33		.11			.21		.82	.
WILLIAMSTOWN 5 NW	6.25	.58				.07					.74	.15				T	.50	.01	2.14	.58				.02	.31	.01	.04	.85	T	.31	.12		.
• • •																																	
EASTERN 04																																	
ALLEN	5.92							.21				.62	1.02							.27	.90									T	.06	.84	.
ASHLAND	7.11		.40				.11	.48			.26	.43	.19				.08		1.20	1.03	.41			.11	.10		.03	.35		.55	.67	.73	.
BARBOURVILLE	5.43	.36	T									.12			.02	.30				.45	1.95			T			.12	.57		.67	.09	.78	.
BAXTER	8.26	.01	.47					.45				.41	.15			.16				.45	1.92				.08	.16	.42	.45	.06	2.22	.11	.76	.
BLAINE	9.28		.07					.52			.10	1.99	.22				.58		1.09	1.71	.12			.04		.54	.57	.22		.07		1.64	.
BUCKHORN	5.48		.90	T				.45				.09	.18		.27	.10	.09			.35	1.58			.10			.12	.12		.16		.97	.
BURDINE 2 NE	5.26	.20									.17	1.15	.50						.80	.97	.30						.20	.05		.31	.05	.56	.
CLAY CITY 1 WNW	6.74	1.30	.05				.70	.52			.55	.88	.12		.04		.05			.65	.22					.20	.13	.15		.10		1.08	.
COLLEGE HILL LOCK 11	7.27	.07	.25				.40	.64			1.70	1.25	.06		T	T				1.07	.35			.15	.20	.12	.05	.12		.09	T	.75	.
CUMBERLAND	6.47	.02	.12				.37	.27	7		.95	.05	1.20		T	1.20	T			.70	.12				.06	.16	.23	.05	T	.80	.06	.15	.
CUMBERLAND FALLS ST PK	7.53	1.42					.05	.28		.30	T	.41			.59					1.65	.08			T	T	.21	.20	.08		.71	1.55		.
DEWEY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
ELKHORN CITY	5.62	.15	.51					T	.02			.12	.64		T				.07	*	1.00						.28	*	*	*	.45	.60	.
FISHTRAP RESERVOIR	2.64	.49	T	T				T					.20			.02	T		.10	.05	.68						.25	.07		.20		.60	.
FREEBURN 2 SW	5.40	.02	.18					.06				.56	.25			.43	.20		.73	.30	1.19						.54	.13		.20	.25	.56	.
FRENCHBURG	5.74	.30				T	.25	.60					.25				.10		.50	1.50	.20				T	.25	.25	.17		.52	.05	1.22	.
GRAYSON 5 SE	6.17		.55				.02	.79			.09	.25	.08				.20		1.35	.75	.10				.07	.09	.13	.35		.44	.18	.75	.
GRAYSON RESERVOIR	6.86						.10	.40			.10	.47	.67				.35		.65	.85	.11			.42	.55	.08	.15	.28	T	.53	.30	.85	.
HAZARD WATER WORKS	5.34		.62					.22	.05			.04	1.35							.28	.84			.10			.28	.04		.43		1.09	.
HEIDELBERG LOCK 14	5.07	T	1.16				T	.53			T	.37	T		.10	T				.36	.22				.20		.09	.04		T	.04	1.96	.
HINDMAN 11 NNE	5.48		.04				.36				.30	.16			.45	.56	.40			1.95							.36			.62	.50		.
HYDEN	4.44		.22						.06			.49	.47		.05	.05				.54	.63			.19			.36	.08		.50	.10	.70	.
JACKSON	7.46	T	.86					2.25				.15	.10			.01	.13			1.06	.84			T	.02		.03	.07		.11	.06	1.77	.
JEREMIAH	6.48	.25		T			.30			T	.45	1.00	1.11	T		T				.96	.34				.14	T	.15	T		1.05	.68	.05	.
LLOYD GREENUP DAM	6.17	.01					.09	.01				.38	.26				T		.68	.57	1.20				1.25	.20	.10	.39		.28	.38	.37	.
LONDON FAA AP	6.02	1.18	.04				.04	.26		T	.02	.19		.03	.20				.06	1.53			.15	.10	.02	.15	.43	.01	.21	.06	1.34		.
LOUISA 2	8.59	.60	1.05					.58			.02	1.22	.45				.35		1.37	.35	.63						.05	.77		.08	T	1.27	.
MANCHESTER 4 SE	6.03		.78						1.18				.62			.19				1.25	.37			.05			.34	.05		.39		.81	.
MC KEE	6.48		1.03				.05	.50			.25	.99	.03		.14	.17				.58	.31				.76		.09	.16		.10	.14	1.20	.
META	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
MIDDLESBORO	6.27		.47	.01								.15	.11		.01	.10				.34	1.08					.32	.36	.60		1.20	.32	1.20	.
MONTICELLO	10.76		.65					.16	.95			1.52	1.26		.79	.48				2.64	.19				.27	.05	.41	.15		.60	.63	.11	.
MOUNT VERNON	8.77	.85					.89			T		.73			1.10					1.45				.65		T	.10	.09		.15	2.78		.
ONEIDA	3.00		.30									.39	.49		.05					.55	.72						.25	.22				.05	.
PAINTSVILLE 1 S	6.81			.20				.56				.82	.30				.83		.10	1.60	.40	.10				.25						1.65	.
PIKEVILLE	3.44	.17					.05					.48	.03			.04			.31	1.00	.15				T	T	.11			.45	.67		.
PINEVILLE 4 NW	7.16	.03	.10									1.03	.03		.07	.26				1.66	1.04					.15	.20	.57		1.09	.41	.52	.
RAVENNA LOCK 12	7.04	.47	.77				.15	.47			.41	1.11	.13		.08	.04				.52	.58				.53	.02	.02	.15		.02		1.79	.
SALYERSVILLE 2 SE	7.87							1.11			.31	.90	.47				.37		.35	1.68	.68					.09		.62		.12		1.17	.
SOMERSET 2 N	7.07	.19	.10				.43	.03			.19	.51			.84					2.54				.43	.02	.25	.03	.06	T	.55	1.12		.
STEARNS 1 W	10.45	.17									.95	.52	.45		.55	.25				1.78	.72				.85		.26	.26		1.67	1.05	.97	.
TILFORD	5.95						.35					.18	.55			.75				1.04	.30					.15				.05	.21	2.39	.
TOMAHAWK 1 WSW	7.15		T					.57				.70	.75				.25		.73	1.45	.75						.18	.58		.16		1.05	.
VANCEBURG	5.62	.24					.07					1.45					.14		.99	1.28					.10	.34				.80	.21		.
WEST LIBERTY	13.02	.15	.10					.46			T	2.00	.22			T	.99		4.86	1.52	.53				.64	.34	.05		.06			1.30	.
WILLIAMSBURG 1 E	7.30	.90	.48				.05	.04	.14			.24	.40		.10	.55				.87	.60						.16	.27		2.07	.09	.54	.
WILLOW LOCK 13	7.66	.02	.40				.99	1.61			.45	.68	.19		.18	T	T			.44	.20				.07	.06	.11	.15		.04	.02	2.09	.

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages- percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	23	2.7	7.9	28++	33	10	78	80	55	59	1	5	4	2	1	0	13	-	6.5
LEXINGTON WSO	21	2.1	7.0	24++	02	18	83	85	61	68	2	8	3	2	3	1	19	-	6.3
LOUISVILLE WSO	23	1.7	7.3	55	W	13	81	85	57	62	4	5	6	2	0	1	18	62	6.0

See reference notes following Station Index.

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1970 - 1971

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
* * *														
WESTERN 01														
BARDWELL 4 E	SNOWFALL						1.0	.8	7.9	3.0	T			12.7
	1 IN ON GD								6	1				7
BEAVER DAM	SNOWFALL							.8	11.0	-	-			-
	1 IN ON GD								-	-	-			-
CALHOUN LOCK 2	SNOWFALL					T	T	.5	-	2.5	.5			-
	1 IN ON GD							1	8	2	1			12
COBB	SNOWFALL						1.0	-	-	-	1.0			-
	1 IN ON GD						1	-	-	-	1			-
DAWSON SPRINGS	SNOWFALL						1.5	1.5	8.8	6.0	-			-
	1 IN ON GD						1	-	-	-	1			-
DUNDEE	SNOWFALL						T	.5	-	-	T			-
	1 IN ON GD							-	-	1				-
DUNMOR	SNOWFALL						1.0	2.0	8.5	.5	T			12.0
	1 IN ON GD						1	1	8	1				11
ELKTON 2 S	SNOWFALL					T	2.0	1.0	7.0	1.7	T			11.7
	1 IN ON GD						1	1	8	1				11
FORDS FERRY DAM 50	SNOWFALL					T	T	.7	7.5	1.6	6.0			15.8
	1 IN ON GD							1	9	2	2			14
FRANKLIN 1 E	SNOWFALL						T	.7	-	-	-			-
	1 IN ON GD							-	10	-	-			-
GILBERTSVILLE KY DAM	SNOWFALL					T	T	2.5	8.0	T	-			-
	1 IN ON GD							1	-					-
GOLDEN POND 8 N	SNOWFALL						T	1.0	-	3.0	1.0			-
	1 IN ON GD							-	-	1	1			-
GREENVILLE 2 W	SNOWFALL							2.0	-	-	-			-
	1 IN ON GD							-	10	1	-			-
HARTFORD 6 NW	SNOWFALL					T	T	1.0	5.0	3.0	-			-
	1 IN ON GD							1	8	2	-			-
HENDERSON 7 SSW	SNOWFALL					T	T	.6	13.4	2.7	7.0			23.7
	1 IN ON GD								9	1	1			11
HICKMAN 1 E	SNOWFALL					T		1.0	8.0	5.1	1.0			15.1
	1 IN ON GD								6	1				7
HOPKINSVILLE	SNOWFALL						.5	3.0	10.0	.5	.5			14.5
	1 IN ON GD						1	1	8		1			11
LOVELACEVILLE	SNOWFALL					T	T	2.0	8.0	-	-			-
	1 IN ON GD							-	6	-	-			-
MADISONVILLE 1 SF	SNOWFALL							1.0	7.0	2.0	-			-
	1 IN ON GD							-	-	2				-
MAYFIELD RADIO WNGO	SNOWFALL						1.0	-	9.1	-	-			-
	1 IN ON GD							-	-	-				-
MURRAY	SNOWFALL						T	1.3	10.0	3.8	T			15.1
	1 IN ON GD								6	1				7
OWENSBORO 2 W	SNOWFALL					T	T	-	8.5	2.0	-			-
	1 IN ON GD							-	8	2	2			-
OWENSBORO DAM 46	SNOWFALL						T	T	6.0	.5	T			6.5
	1 IN ON GD								-					-
PADUCAH FAA AIRPORT	SNOWFALL						T	1.0	5.2	4.0	3.5			13.7
	1 IN ON GD							1	7	2	1			11
PADUCAH SEWAGE PLANT	SNOWFALL					T	T	1.3	-	2.6	.6			-
	1 IN ON GD								5					5
PARADISE STEAM PLANT	SNOWFALL						T	1.8	7.8	T	-			-
	1 IN ON GD							1	9					10

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
PRINCETON 1 SE	SNOWFALL						1.0	2.5	10.0	5.1	3.0			21.6
	1 IN ON GD							1	9	2	1			13
ROCHESTER LOCK 3	SNOWFALL							1.0	-	1.0	-			-
	1 IN ON GD							1	12	1	-			-
RUSSELLVILLE	SNOWFALL					-	1.0	3.0	8.0	2.0	T			-
	1 IN ON GD					-	1	1	-	1				-
SEBREE	SNOWFALL							1.0	8.6	3.1	-			-
	1 IN ON GD							1	8	1	-			-
UNIONTOWN DAM 49	SNOWFALL						T	.5	6.5	2.5	-			-
	1 IN ON GD							1	8	2	-			-
* * *														
CENTRAL 02														
ADDISON DAM 45	SNOWFALL						T	T	7.6	3.0	T			10.6
	1 IN ON GD								8	2				10
ALBANY 4 N	SNOWFALL						1.8	3.5	-	1.9	-			-
	1 IN ON GD						1	1	10	1	-			-
ANCHORAGE	SNOWFALL					-	T	4.0	8.1	-	-			-
	1 IN ON GD							3	11	-	-			-
BARDSTOWN	SNOWFALL						2.0	-	9.0	-	-			-
	1 IN ON GD						1	-	-	-				-
BARREN RIVER RESERVOIR	SNOWFALL						.5	4.0	8.5	2.3	T			15.3
	1 IN ON GD						1	2	10	2				15
BERNHEIM FOREST	SNOWFALL					-	1.0	1.0	-	-	-			-
	1 IN ON GD							1	9	2	-			-
BOWLING GREEN	SNOWFALL					-	-	-	-	-	-			-
	1 IN ON GD						-	-	-	-	-			-
BOWLING GREEN FAA AP	SNOWFALL					T	2.0	3.0	7.5	1.0	T			13.5
	1 IN ON GD						1	1	10					12
BRADFORDSVILLE	SNOWFALL					T	2.0	-	7.0	-				-
	1 IN ON GD						1	-	-	-				-
BROWNSVILLE	SNOWFALL					-	3.0	2.0	11.0	3.0	-			-
	1 IN ON GD						1	2	9	1	-			-
BURKESVILLE 2 W	SNOWFALL						-	4.0	6.5	4.0	T			-
	1 IN ON GD						-	1	8	3				-
CAMPBELLSVILLE 2 SSW	SNOWFALL						-	-	-	2.5	-			-
	1 IN ON GD						1	-	-	-				-
CANEYVILLE	SNOWFALL						.3	1.0	7.0	3.0				11.3
	1 IN ON GD							1	7	1				9
CECILIA	SNOWFALL					T	.5	1.8	12.3	4.2	.9			19.7
	1 IN ON GD								4	2				6
EDMONTON	SNOWFALL						2.0	4.0	-	-	-			-
	1 IN ON GD						1	2	8	-	-			-
GAMALIEL 1 S	SNOWFALL					T	T	2.5	6.0	1.5	T			10.0
	1 IN ON GD							1	10	1				12
GLASGOW	SNOWFALL					T	T	4.0	-	5.0	T			-
	1 IN ON GD							1	10	3				14
GLASGOW WKAY	SNOWFALL						1.5	3.8	8.0	2.8	T			16.1
	1 IN ON GD						1	1	8	1				11
GLENDALE 1 E	SNOWFALL					-	.5	-	8.0	3.0	-			-
	1 IN ON GD						1	-	7	3	-			-
GREENSBURG	SNOWFALL					-	2.5	2.5	10.0	4.1	T			-
	1 IN ON GD					-	1	3	11	2				-
GREENSBURG HIWAY 61	SNOWFALL					-	3.0	3.0	-	-	-			-
	1 IN ON GD						1	-	10	-				-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1970 - 1971

Continued

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
HODGENVILLE-LINCOLN NP	SNOWFALL					T	1.0	.5	13.0	2.8	T			17.3
	1 IN ON GD						1		7	1				9
IRVINGTON	SNOWFALL					T	T	T	11.0	1.0	-			-
	1 IN ON GD								6					6
JAMESTOWN 8 SSW	SNOWFALL	-	-	-	-	-	-	-	-	-	2.2			-
	1 IN ON GD	-	-	-	-	-	-	-	-	-	-			-
LEITCHFIELD 2 N	SNOWFALL					-	1.0	.5	11.0	1.0	T			-
	1 IN ON GD					-	1	-	-	2				-
LIBERTY	SNOWFALL						2.0	3.0	7.0	5.0				17.0
	1 IN ON GD						1	2	7	2				12
LOUISVILLE	SNOWFALL					T	.5	2.8	-	4.0				-
	1 IN ON GD							2	-	1				-
LOUISVILLE WSO	SNOWFALL					.3	.8	3.2	11.9	5.2	.1			21.5
	1 IN ON GD						1	2	11	2				16
LOUISVILLE UPPER GAGE	SNOWFALL					.5	.5	1.8	6.8	.6				10.2
	1 IN ON GD						1	2	11					14
MAMMOTH CAVE PARK	SNOWFALL					T	2.5	3.0	12.0	3.6	.2			21.3
	1 IN ON GD						1	1	8	2				12
MILLERSTOWN	SNOWFALL					T	2.0	1.0	10.2	4.5	.5			18.2
	1 IN ON GD						1	1	7	2				11
MUNFORDVILLE	SNOWFALL					T	2.0	1.7	9.5	1.2	-			-
	1 IN ON GD						1	1	-	1	-			-
NOLIN RIVER RESERVOIR	SNOWFALL					-	1.5	1.0	9.5	1.0	-			-
	1 IN ON GD						1	1	11	1	-			-
ROUGH RIVER DAM	SNOWFALL					T	T	1.0	11.0	1.5	T			13.5
	1 IN ON GD							1	8	2				11
SCOTTSVILLE 3 SSW	SNOWFALL					T	3.0	3.0	9.0	3.0	1.0			19.0
	1 IN ON GD						1	1	9	1				12
SCOTTSVILLE 2 SW	SNOWFALL						2.0	2.0	8.3	-	T			-
	1 IN ON GD						1	1	10	-				-
SHEPHERDSVILLE	SNOWFALL						-	-	12.0	-	-			-
	1 IN ON GD						-	-	12	3	-			-
SUMMER SHADE	SNOWFALL					T	3.0	3.0	7.0	4.0	1.0			18.0
	1 IN ON GD						1	1	7	1				10
WOODBURY LOCK 4	SNOWFALL						1.5	1.0	-	-				-
	1 IN ON GD						1	-	7	2				-
* * *														
BLUE GRASS 03														
BEREA COLLEGE	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	-	-				-
BEREA	SNOWFALL					-	3.0	-	-	7.5				-
	1 IN ON GD						1	3	8	4				16
CARROLLTON LOCK 1	SNOWFALL					-	.8	-	12.6	3.9				-
	1 IN ON GD						1	-	13	2				-
COVINGTON WSO	SNOWFALL					.4	.4	3.2	13.3	9.7	T			27.0
	1 IN ON GD							3	10	4				17
CYNTHIANA	SNOWFALL					T	T	4.8	10.8	7.6				23.2
	1 IN ON GD							2	12	2				16
CYNTHIANA 2	SNOWFALL					T	T	-	-	3.5	-			-
	1 IN ON GD							-	12	2	-			-
DANVILLE	SNOWFALL					1.2	2.1	2.9	8.6	8.1	-			-
	1 IN ON GD					1	1	3	12	4	-			-
DIX DAM	SNOWFALL					-		2.5	-	-				-
	1 IN ON GD							1	-	1				-
FALMOUTH 5 WNW	SNOWFALL					T	T	3.0	10.0	3.0	T			16.0
	1 IN ON GD							1	11	2				14

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
FARMERS 1 WNW	SNOWFALL					-	1.0	9.0	8.5	-	-			-
	1 IN ON GD					-	1	5	8	-				-
FLEMINGSBURG	SNOWFALL					T	T	-	8.9	6.0				-
	1 IN ON GD							3	9	4				16
FLEMINGSBURG 1 SW	SNOWFALL					T	.7	-	-	-				-
	1 IN ON GD						1	-	9	3				-
FORD LOCK 10	SNOWFALL					T	.7	6.0	-	5.5				-
	1 IN ON GD						1	5	10	4				20
FRANKFORT LOCK 4	SNOWFALL						.5	3.0	8.5	T				12.0
	1 IN ON GD						1	2	9					12
GEORGETOWN WATER WORKS	SNOWFALL						1.0	4.5	6.5	5.5	-			-
	1 IN ON GD						1	3	-	1				-
GEST LOCK 3	SNOWFALL					-	T	-	-	-	-			-
	1 IN ON GD					-		2	10	1	-			-
HIGH BRIDGE LOCK 7	SNOWFALL					T	3.0	-	-	-				-
	1 IN ON GD						1	-	10	3				-
KEENE 1 SSW	SNOWFALL					T	2.0	2.5	10.5	6.5	T			21.5
	1 IN ON GD						1	3	10	5				19
LA GRANGE 1 ESE	SNOWFALL					T	1.0	5.0	16.0	4.0	T			26.0
	1 IN ON GD						1	3	10	1				15
LANCASTER	SNOWFALL					-	1.0	-	-	-	-			-
	1 IN ON GD							-	-	-	-			-
LEXINGTON WSO	SNOWFALL					T	1.2	4.0	9.1	5.3				19.6
	1 IN ON GD						1	3	11	2				17
LITTLE HICKMAN LOCK 8	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	2	-	2				-
LOCKPORT LOCK 2	SNOWFALL					T	T	-	-	-				-
	1 IN ON GD							-	11	1				-
MAYSVILLE SEWAGE PLANT	SNOWFALL					T	T	-	11.0	2.0				-
	1 IN ON GD							2	8	1				11
MIDWAY	SNOWFALL					-	.5	5.2	8.0	2.4	-			-
	1 IN ON GD						-	2	-	2	-			-
MOUNT STERLING	SNOWFALL					.3	3.6	5.0	11.1	8.3				28.3
	1 IN ON GD						4	2	15	9				30
OWENTON	SNOWFALL					T	T	3.2	-	5.0	-			-
	1 IN ON GD							-	-	-	-			-
RICHMOND	SNOWFALL					1.5	4.0	4.5	8.5	8.2	-			-
	1 IN ON GD					1	2	6	11	6	-			-
SALVISA LOCK 6	SNOWFALL					-	2.0	2.5	-	-				-
	1 IN ON GD						1	2	12	4				19
SHELBYVILLE	SNOWFALL					T	T	2.8	5.9	1.0				9.7
	1 IN ON GD							1	11					12
SPRINGFIELD	SNOWFALL						2.0	T	8.5	1.0	T			11.5
	1 IN ON GD						1	1	8	1				11
TAYLORSVILLE	SNOWFALL					T	1.0	1.0	7.5	2.5	-			-
	1 IN ON GD						1	1	-	2	-			-
TYRONE LOCK 5	SNOWFALL					T	.4	1.5	12.3	-				-
	1 IN ON GD						1	1	8					10
VALLEY VIEW LOCK 9	SNOWFALL					-	2.5	3.0	-	-				-
	1 IN ON GD						1	4	10	3				18
WARSAW MARKLAND DAM	SNOWFALL						.5	3.0	19.3	2.3				25.1
	1 IN ON GD						1	3	12	1				17
WAYNESBURG 7 NE	SNOWFALL					1.0	3.0	-	12.0	5.5				-
	1 IN ON GD						1	2	10	1				14
WILLIAMSTOWN 3 NW	SNOWFALL					.6	.1	4.4	11.0	6.2				22.3
	1 IN ON GD							3	10	2				15

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
* * *														
EASTERN 04														
ALLEN	SNOWFALL	-	-	-	-	-	-	-	-	-				-
	1 IN ON GD	-	-	-	-	-	-	-	-	-				-
ASHLAND	SNOWFALL					T	.3	7.0	6.5	-	-			-
	1 IN ON GD							6	9	4	-			-
BARBOURVILLE	SNOWFALL					T	T	-	-	-				-
	1 IN ON GD							-	-	-				-
BAXTER	SNOWFALL					1.3	.7	-	-	-	1.4			-
	1 IN ON GD						1	-	7	-	1			-
BLAINE	SNOWFALL					T	.5	6.1	-	-				-
	1 IN ON GD						-	-	-	-				-
BUCKHORN	SNOWFALL					T	T	-	4.5	2.0	-			-
	1 IN ON GD							4	9	2				15
BURDINE 2 NE	SNOWFALL					T	5.0	-	7.0	12.0	2.0			-
	1 IN ON GD						2	6	8	-	1			-
CLAY CITY 1 WNW	SNOWFALL					-	-	-	-	3.5	-			-
	1 IN ON GD						-	-	-	4	-			-
COLLEGE HILL LOCK 11	SNOWFALL					T	3.0	5.0	7.0	4.0	-			-
	1 IN ON GD						1	4	9	3	-			-
CUMBERLAND	SNOWFALL					T	8.0	5.0	-	5.0				-
	1 IN ON GD						1	3	7	-				-
CUMBERLAND FALLS ST PK	SNOWFALL					-	8.4	3.0	-	5.0	-			-
	1 IN ON GD						1	-	-	-	1			-
DEWEY DAM	SNOWFALL					T	1.5	13.0	10.0	-	-	-	-	-
	1 IN ON GD						2	5	9	4	-	-	-	-
ELKHORN CITY	SNOWFALL					T	1.0	15.0	6.0	8.0	.5			30.5
	1 IN ON GD						-	7	6	4	1			-
FISHTRAP RESERVOIR	SNOWFALL					T	2.0	12.0	7.0	7.0	-			-
	1 IN ON GD						1	4	6	3	-			-
FREEBURN 2 SW	SNOWFALL					T	T	16.8	9.0	8.0	T			33.8
	1 IN ON GD							7	-	-				-
FRENCHBURG	SNOWFALL					T	4.0	7.0	-	-	-			-
	1 IN ON GD						2	-	-	-				-
GRAYSON 5 SE	SNOWFALL					T	1.0	7.0	11.0	10.0	-			-
	1 IN ON GD						2	5	10	5	-			-
GRAYSON RESERVOIR	SNOWFALL					-	1.0	6.0	7.0	8.0	-			-
	1 IN ON GD						1	5	10	5	-			-
HAZARD WATER WORKS	SNOWFALL					-		17.0	7.0	-				-
	1 IN ON GD							-	-	-				-
HEIDELBERG LOCK 14	SNOWFALL					T	1.0	-	7.5	-				-
	1 IN ON GD						1	3	8	1				13
HINDMAN 11 NNE	SNOWFALL					T	13.0	-	8.0	10.5				-
	1 IN ON GD						2	-	9	3				-
HYDEN	SNOWFALL					T	-	-	-	3.0				-
	1 IN ON GD						-	5	-	2				-
JACKSON	SNOWFALL					T	1.0	-	-	-				-
	1 IN ON GD						-	-	-	-				-
JEREMIAH	SNOWFALL					T	10.3	-	-	-	-			-
	1 IN ON GD						2	-	-	2	-			-
LLOYD GREENUP DAM	SNOWFALL					-	T	3.8	5.1	3.0				-
	1 IN ON GD							4	7	1				12
LONDON FAA AP	SNOWFALL					T	7.6	4.0	5.2	3.2	T			20.0
	1 IN ON GD						2	4	7	2				15

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
LOUISA 2	SNOWFALL						.3	8.1	11.0	9.0				28.4
	1 IN ON GD							-	-	4				-
MANCHESTER 4 SE	SNOWFALL						2.0	12.0	6.0	4.5				24.5
	1 IN ON GD						2	4	-	2				-
MARTIN	SNOWFALL					-	-	-	-	-	-	-	-	-
	1 IN ON GD					-	-	-	-	-	-	-	-	-
MC KEE	SNOWFALL					.5	2.5	5.0	10.0	8.0				26.0
	1 IN ON GD					1	2	5	9	5				22
META	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-		-
	1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-		-
MIDDLESBORO	SNOWFALL					T	-	1.5	-	5.5				-
	1 IN ON GD						-	1	-	3				-
MONTICELLO	SNOWFALL						2.9	3.6	7.6	2.0	.5			16.6
	1 IN ON GD						1	1	-	1	1			-
MOUNT VERNON	SNOWFALL					2.0	4.0	7.3	8.0	3.0	-			-
	1 IN ON GD						2	3	-	1				-
ONEIDA	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD						-	-	-	-				-
PAINTSVILLE 1 S	SNOWFALL					T	2.0	-	13.0	8.6				-
	1 IN ON GD						2	-	11	4				-
PIKEVILLE	SNOWFALL					T	11.0	6.5	8.9	6.2				32.6
	1 IN ON GD						2	6	-	1				-
PINEVILLE 4 NW	SNOWFALL					.5	2.2	9.0	5.0	4.0	T			20.7
	1 IN ON GD						2	-	7	2				-
RAVENNA LOCK 12	SNOWFALL					T	2.0	2.0	7.4	4.0				15.4
	1 IN ON GD						1	4	7	3				15
SALYERSVILLE 2 SE	SNOWFALL					-	3.0	-	-	-				-
	1 IN ON GD						2	3	-	-				-
SOMERSET 2 N	SNOWFALL					T	3.7	3.0	8.5	2.0	T			17.2
	1 IN ON GD						3	1	8	2				14
STEARNS	SNOWFALL				-	-	-	-	-	-	-	-	-	-
	1 IN ON GD				-	-	-	-	-	-	-	-	-	-
STEARNS 1 W	SNOWFALL						-	7.5	10.5	.5	2.0			-
	1 IN ON GD						-	-	-	1	1			-
TILFORD	SNOWFALL					1.0	.4	2.6	3.0	-				-
	1 IN ON GD					1		1	-	-				-
TOMAHAWK 1 WSW	SNOWFALL					T	1.6	13.5	11.0	13.0	-			-
	1 IN ON GD						2	6	9	6	-			-
VANCEBURG	SNOWFALL					T	1.3	-	8.0	5.0				-
	1 IN ON GD						-	-	-	-				-
WEST LIBERTY	SNOWFALL					T	1.0	-	-	-	T			-
	1 IN ON GD						1	5	9	3				18
WILLIAMSBURG 1 E	SNOWFALL							-	-	-				-
	1 IN ON GD							-	-	-				-
WILLOW LOCK 13	SNOWFALL					T	3.5	7.0	15.5	4.0				30.0
	1 IN ON GD						2	4	9	3				18

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	90	86	90	90	92	90	95	96	97	94	86	90	95	91	85	86	92	90	83	80	83	85	81	79	83	83	81	85	85	82	84	87.4
	MIN	69	64	56	65	73	69	68	72	69	69	68	68	70	74	64	63	60	72	71	60	55	57	63	68	70	68	54	59	61	50	47	64.4
BEAVER DAM	MAX	89	83	85	87	85	87	89	92	93	93	89	87	91	91	83	85	90	90	88	78						83	78	82	80	78	74	85.8
	MIN	68	65	60	65	69	67	66	69	71	68	67	67	63	63	67	62	61	68	70	60						69	52	52	63	60	48	63.8
FORDS FERRY DAM 50	MAX	87	85	86	89	88	88	91	95	96	93	90	89	98	84	83	88	94	89	83	79	83	86	82	89	85	85	85	84	83	73	77	86.7
	MIN	70	67	64	70	71	68	70	73	73	70	69	69	71	70	68	64	65	73	68	61	59	60	68	69	69	63	57	60	63	57	52	66.2
GILBERTSVILLE KY DAM	MAX	95	88	92	90	95	95	96	98	96	95	90	89	99	97	84	89	96	95	91	80	86	88	88	81	84	84	83	83	85	85	78	89.5
	MIN	72	66	64	74	75	68	71	73	75	71	71	69	74	80	68	67	66	75	69	62	58	67	71	71	71	72	58	64	65	60	55	68.5
GOLDEN POND 8 N	MAX	91	88	84	86	87	89	88	90	93	94	93	86	89	94	82	83	88	92	88	89	79	82	83	81	81	82	81	80	80	84	74	85.8
	MIN	70	67	64	68	73	69	71	71	74	70	68	68	70	72	67	66	65	70	70	63	59	63	66	69	69	70	57	62	64	63	52	66.8
GREENVILLE 2 W	MAX	88	84	86	87	85	88	90	93	94										91	78	81	84	82	79	85	84	79	79	79	80	75	84.1
	MIN	68	66	60	65	71	70	68	69	71										61	51	56	56	60	69	70	65	54	55	63	60	49	62.6
HENDERSON 7 SSW	MAX	88	85	86	88	87	89	91	93	97	92	88	88	94	85	82	88	91	88	83	79	82	84	84	82	86	82	78	82	81	73	77	85.6
	MIN	70	66	65	68	74	70	70	72	74	70	69	69	69	69	69	64	67	73	69	61	59	59	64	70	71	68	54	59	62	59		66.8
HICKMAN 1 E	MAX	90	83	89	89	91	89	93	94	96	93	87	89	96	92	89	87	93	92	85	78	80	86	83	80	82	84	81	83	84	74	75	86.7
	MIN	72	67	59	66	72	68	67	71	71	70	69	67	66	70	65	64	64	63	69	61	55	57	62	68	70	70	55	60	61	60	49	64.8
HOPKINSVILLE	MAX	93	86	87	89	88	90	90	90	96	96	94	90	89	94	86	80	89	93	91	85	80	84	85	83	83	84	86	84	82	85	70	87.2
	MIN	70	66	63	65	69	70	69	68	71	70	69	66	67	66	70	64	63	64	70	61	61	59	62	64	68	70	56	57	60	63	51	64.9
LOVELACEVILLE	MAX	90	88	88	91	94	92	94	98	98	95	84	92	98	88	83	88	94	90	83	80	86	88	81	82	86	84	81	84	84	75	74	87.5
	MIN	67	63	56	67	71	67	68	70	70	67	67	66	66	72	65	60	60	69	70	68	52	55	60	67	70	66	51	56	60	59	47	63.6
MADISONVILLE 1 SE	MAX	90	88	88	87	88	90	91	95	97	93	93	89	93	93	82	88	90	90	87	81	84	85	84	81	84	84	81	80	83	82	76	87.0
	MIN	67	62	58	65	69	69	65	69	70	68	68	65	64	68	66	62	60	73	65	57	55	55	60	67	68	66	51	54	59	56	49	62.9
MAYFIELD RADIO WNGO	MAX	91	85	89	89	89	89	93	94	96		83	89	94	94	84	88	92	90	83	77	84	85	82	80	84	82	81	81	84	80	76	86.3
	MIN	69	64	56	60	72	68	67	71	70		66	69	68	78	68	65	62	68	69	59	53	50	61	69	64	68	53	52	62	60	49	63.7
MURRAY	MAX	87	85	87	90	92	90	93	97	98	95	87	87	96	88	81	88	93	90	85	80	83	87	82	82	83	83	81	82	83	77	76	86.7
	MIN	70	65	61	68	70	68	69	71	72	70	71	69	69	77	63	64	63	71	70	61	56	60	64	69	69	70	57	61	64	60	52	65.9
OWENSBORO 2 W	MAX	90	87	89	88	87	90	92	95	95	93	87	90	93	88	82	86	91	88	86	79	86	86	80	80	86	84	81	81	82	78	78	86.4
	MIN	69	65	67	68	70	67	70	71	73	70	68	70	65	68	67	62	64	71	70	60	58	58	62	69	68	67	53	55	66	62	49	65.2
PADUCAH FAA AIRPORT	MAX	87	87	88	89	92	88	91	93	94	93	87	90	97	85	81	88	91	88	83	79	82	85	76	79	84	83	78	79	82	74	75	85.4
	MIN	72	65	59	68	73	69	70	75	73	69	68	65	73	74	67	64	64	74	68	60	54	59	66	69	71	63	56	63	63	58	52	65.9
PADUCAH SEWAGE PLANT	MAX	95	90	85	89	91	93	89	92	97	97	94	89	89	98	85	85	88	94	90	85	80	84	88	80	82	83	85	82	84	84	75	87.8
	MIN	70	68	63	66	71	70	71	73	74	72	70	68	69	72	67	65	64	67	74	62	56	58	60	65	69	70	55	58	63	61	51	65.9
PRINCETON 1 SE	MAX	90	86	87	88	88	88	91	94	94	93	89	88	94	94	83	86	91	90	87	79	84	84	84	79	84	84	80	78	81	81	75	86.3
	MIN	68	65	61	70	70	68	69	71	70	70	70	68	68	71	68	62	61	73	69	60	55	63	65	69	70	70	53	57	61	59	50	65.3
ROCHESTER LOCK 3	MAX	89	87	83	85	85	85	86	90	92	94	91	88	86	93	84	80	86	90	88	81	78	80	84	83	79	80	80	80	79	81	68	84.4
	MIN	70	66	60	66	69	65	69	69	71	69	69	69	64	66	69	65	63	67	69	60	59	57	58	61	70	70	57	56	58	62	52	64.4
RUSSELLVILLE	MAX	89	83	84	88	86	87	85	90	93	95	93	90	88	92	85	79	87	90	84	84	80	82	85	85	83	80	82	80	81	82	66	85.1
	MIN	71	65	58	65	69	70	66	70	71	69	72	68	64	68	69	64	60	66	69	59	56	55	57	68	69	69	57	56	62	62	52	64.4
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN	MAX	88	84	87	89	91	87	90	95	93	89	87	85	91	87	86	84	91	90	84	77	79	85	86	81	81	86	77	84	81	79	76	85.5
	MIN	66	65	60	62	66	68	63	68	69	66	66	63	61	69	61	64	60	65	65	59	54	54	60	68	69	66	55	52	63	61	54	62.6
BARREN RIVER RESERVOIR	MAX	91	89	83	90	90	88	86	92	95	97	94	90	86	91	85	80	88	91	90	84	78	80	85	85	80	79	86	82	84	84	71	86.3
	MIN	71	68	61	63	69	70	67	68	69	69	70	67	65	64	65	64	60	64	69	60	58	57	60	66	69	70	61	57	63	63	57	64.6
BERNHEIM FOREST	MAX	92	88	86	87	87	86	89	93	93	87	88	86	90	91	85	85	90	90	84	82	82	85	87	86	82	87	78	84	81	82	76	86.1
	MIN	67	61	58	62	69	67	62	67	70	65	67	62	62	68	61	63	61	70	67	57	53	53	57	67	69	70	53	50	62	59	52	62.3
BOWLING GREEN FAA AP	MAX	87	84	87	90	87	88	91	93	95	94	92	86	92	86	80	86	90	91	83	79	81	85	88	84	78	86	80	82	83	67	76	85.5
	MIN	71	66	62	68	68	73	68	71	72	70	69	69	65	70	69	64	64	71	64	63	60	57	60	70	71	68	61	59	65	62	56	66.0
BRADFORDSVILLE	MAX	87	88	84	88	87	87	87	90	92	93	91	88	85	86	84	82	86	86	88	80	80	81	84	84	80	82	87	79	83	82	72	84.9
	MIN	69	64	54	61	66	67	62	65	70	66	67	63	60	68	64	64	58	62	66	56	56	54	59	68	68	71	58	51	66	54	59	62.5
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	87	89	85	85	84	87	88	93	95	92	88	86	89	89	82	85	89	88	82	81	80	83	85	84	82	84	85	83	84	80	75	85.5
	MIN	67	64	59	63	62	66	67	63	71	66	67	64	61	67	62	64	60	70	68	59	55	55	59	68	68	65	53	52	54	60	51	62.3
GLASGOW WKAY	MAX	85	81	85	86	86	87	88	91	92	91	87	84	88	87	80	85	88	88	81	76	80	83	85	81	77	81	77	81	79	76	74	83.5
	MIN	68	65	60	65	65	67	65	67	69	67	68	65	62	64	66	63	59	69	67	58	58	54	60	68	68	69	57	54	67	59	54	63.5
GREENSBURG	MAX	90	89	88	90	90	89	91	91	95	95	93	91	89	89	85	83	88	90	91	83	81	83	86	85	87	80	88	81	85	84	75	87.3
	MIN	70	67	66	59	66	69	67	68	70	69	69	67	63	64	65	65	61	66	68	60	57	57	57	62	69	71	62	56	55	63	59	64.1
HODGENVILLE-LINCOLN NP	MAX	91	82	84	88	88	85	89	91	93	93	92	87	88	88	83	84	89	89	88	79	79	83	86	85	80	86	84	84	81	80	74	85.6
	MIN	66	62	61	65	66	67	65	67	70	66	62	64	62	66	62	61	60	69	60	58	55	54	60	66	67	69	55	53	62	59	53	62.3
IRVINGTON	MAX	90	86	84	86	86	84	89	90	92	90	87	83	84	89	82	81	85	88	88	79	79	82	84	85	81	84	84	81	79	80	70	84.3
	MIN	68	64	60	63	70	66	63	67	70	66	66	66	62	69	61	64	60	68	69	58	54	53	57	66	68	66	66	51	59	59	48	62.8
JAMESTOWN 8 SSW	MAX																																
	MIN																																
LEITCHFIELD 2 N	MAX	88	84	85	86	85	86	89	93	94	93	88	85	91	89	82	83	89	88	82	78	81	83	86	80	81	84	78	83	82	79	75	84.8
	MIN	69	67	59	64	69	68	65	68	72	67	70	66	63	70	64	63	58	69	69	58	57	55	58	69	69	67	54	52	63	60	52	63.7
LOUISVILLE	MAX	90	87	84	86	86	83	92	92	90	90	88	88	87	85	83	84	90	90	83	83	81	84	87	87	82	89	76	82	81	83	78	85.7
	MIN	67	68	64	70	70	66	70	74	73	73	70	68	67	68	66	67	69	73	69	62	60	61	65	69	72	71	56	59	60	61	56	66.6
LOUISVILLE WSO	MAX	88	85	86	87	84	85	89	91	91	89	84	86	91	84	85	85	90	83	83	78	81	83	86	80	83	86	78	83	82	68	76	84.2
	MIN	70	68	64	67	71	68	66	71	70	69	69	65	67	69	63	67	65	68	68	61	58	59	63	70	71	68	56	55	63	62	53	65.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAMMOTH CAVE PARK	MAX	88	82	85	87	84	83	88	91	93	93	90	86	89	89	82	85	88	89	84	79	80	83	85	86	81	86	79	83	81	81	75	85.2
	MIN	68	66	55	64	66	69	64	61	68	65	67	65	59	64	64	62	57	69	68	58	54	52	57	66	68	69	55	51	65	58	52	62.1
NOLIN RIVER RESERVOIR	MAX	90	87	84	86	88	85	88	90	93	95	93	90	87	90	84	80	86	89	89	83	78	81	84	86	81	80	85	80	82	82	68	85.3
	MIN	67	67	56	61	65	69	64	65	67	65	65	68	63	60	63	61	58	63	66	58	58	56	56	57	67	68	55	52	51	57	51	61.3
ROUGH RIVER DAM	MAX	91	87	85	89	87	85	88	91	94	95	92	89	90	91	85	82	86	91	89	83	79	83	85	85	80	83	84	80	82	83	67	85.8
	MIN	67	65	59	61	69	65	65	67	71	68	69	66	65	67	63	63	62	64	69	59	56	58	58	66	69	68	51	53	58	60	48	62.9
SCOTTSVILLE 3 SSW	MAX	85	82	86	85	86	84	88	91	92	91	89	84	88	86	80	84	89	90	87	82	79	84	86	81	80	84	78	80	76	70	75	83.9
	MIN	69	68	64	68	66	71	69	70	72	71	70	66	65	66	68	65	63	68	68	60	60	59	65	68	69	67	61	62	64	61	57	65.8
SUMMER SHADE	MAX	87	82	87	85	85	85	87	90	92	90	88	83	87	84	79	82	86	88	78	78	81	83	78	76	76	83	77	82	80	72	75	82.8
	MIN	70	68	62	65	65	68	68	68	70	69	70	68	62	65	63	67	59	66	68	57	55	61	69	70	68	68	62	56	68	63	54	64.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	86	85	86	86	87	87	88	90	90	90		82	86	86	83	85	87	87	83	83	80	84	84	80	87	86	79	84	81	79	75	84.5
	MIN	70	66	59	70	68	66	65	68	70	67		69	65	69	63	68	63	72	66	62	56	60	65	68	70	70	63	55	68	62	61	65.5
CARROLLTON LOCK 1	MAX	89	85	83	87	87	85	88	89	91	91	82	84	89	88	85	85	89	89	80	76	79	82	84	79	82	84	80	81	77	76	73	83.8
	MIN	69	64	59	63	67	68	64	65	72	70	69	60	64	68	60	60	63	66	64	58	56	56	60	67	70	70	57	53	63	60	55	63.2
COVINGTON WSO	MAX	88	84	84	88	83	89	90	90	92	89	83	86	90	84	88	86	90	79	82	79	82	84	87	78	84	85	78	85	80	72	76	84.4
	MIN	72	67	63	67	70	70	67	71	75	70	71	64	67	65	59	61	66	68	65	60	58	59	62	69	70	66	57	55	65	63	56	65.1
CYNTHIANA 2	MAX	90	88	86	87	90	88	86	89	92	92	82	84	87	88	86	87	86	90	76	82	78	82	85	82	80	83	87	82	85	80	74	85.0
	MIN	68	63	56	61	62	66	63	63	65	62	68	58	58	67	57	57	60	68	64	58	52	54	55	68	69	68	60	52	52	58	58	61.0
DANVILLE	MAX	85	88	84	86	86	85	83	86	90	91	91	89	83	85	81	84	85	87	77	82	78	81	84	83	80	80	86	79	84	81	70	83.7
	MIN	69	65	60	60	65	65	65	66	66	67	67	63	63	65	63	63	62	62	65	60	57	57	58	65	69	69	60	55	55	61	59	62.8
DIX DAM	MAX	89	85	84	87	87	86	88	90	92	90	90	80	84	83	83	84	86	83	83	80	78	83	84	84	83	85	85	84	83	79	74	84.4
	MIN	69	64	59	65	67	66	64	68	73	66	68	63	65	69	62	67	68	72	65	61	55	57	64	68	67	68	62	56	66	61	59	64.6
FALMOUTH 5 WNW	MAX	87	86	85	89	88	89	90	90	95	90	82	87	89	86	98	86	88	86	80	78	80	84	86	79	82	86	78	83	79	78	77	84.9
	MIN	65	58	52	58	61	66	58	60	68	65	67	53	60	60	52	57	57	65	63	56	49	50	56	66	64	64	55	47	62	55	56	58.9
FARMERS 1 WNW	MAX	84	82	85	87	86	83	88	90	89	89	83	79	87	83	84	82	86	81	81	78	81	85	86	79	82	85	79	83	79	76	78	83.2
	MIN	64	64	56	62	63	66	62	65	70	65	66	69	62	70	60	60	60	65	65	60	55	56	65	67	68	70	64	55	59	62	60	63.1
FLEMINGSBURG 1 SW	MAX	85	81	82	85	85	85	87	89	91	88	86	82	85	84	83	83	86	84	80	75	80	82	82	77	78	85	80	81	78	76	75	82.6
	MIN	67	63	58	62	65	66	62	64	71	65	67	59	60	69	57	60	60	65	64	58	53	58	62	66	69	69	62	54	64	56	60	62.4
FRANKFORT LOCK 4	MAX	88	89	85	87	89	86	88	90	91	94	92	85	86	89	86	87	88	91	82	83	80	82	84	86	83	83	86	81	83	82	78	85.9
	MIN	68	65	59	62	65	68	64	63	69	68	69	62	63	66	61	61	62	66	66	59	56	57	59	62	68	68	59	55	55	61	57	62.7
LEXINGTON WSO	MAX	84	80	82	85	84	82	85	87	91	90	85	85	87	81	85	85	89	86	83	76	80	83	83	78	82	85	79	82	80	73	77	83.1
	MIN	66	62	59	66	65	66	65	66	70	67	70	63	66	70	63	70	64	66	66	60	56	58	65	69	70	69	61	56	66	63	60	64.6
MAYSVILLE SEWAGE PLANT	MAX	89	86	84	85	88	86	86	89	90	94	89	82	85	90	85	90	85	88	75	80	78	83	84	85	78	83	86	80	84	80	73	84.5
	MIN	70	63	57	59	65	67	65	66	68	67	65	59	60	63	59	58	62	63	63	60	57	57	60	60	65	67	61	58	57	60	60	62.0
MOUNT STERLING	MAX	81	82	84	85	85	84	86	89	86	86	86	80	85	83	83	83	86	84	81	80	78	82	81	78	80	83	83	82	78	73	74	82.3
	MIN	68	64	59	66	66	65	63	67	72	66	67	60	63	70	61	63	63	68	66	59	55	60	65	68	69	70	62	57	64	60	61	64.2
OWENTON	MAX	87	87	82	80	86	81	86	88	90	92	90	81	87	86	84	86	85	88	74	60	78	80	82	84	77	82	84	78	82	79	70	83.1
	MIN	68	64	59	60	67	70	67	70	73	70	68	61	64	68	62	62	65	66	64	57	58	60	66	68	69	70	56	60	61	62	54	64.2
RICHMOND	MAX	90	87	83	85	87	87	82	87	90	92	89	86	80	86	81	85	84	88	86	81	79	80	84	84	80	82	86	80	85	80	71	84.1
	MIN	68	64	59	63	65	68	65	67	70	66	67	61	62	67	61	65	60	66	64	58	56	59	64	67	68	70	60	54	60	61	60	63.4
SHELBYVILLE	MAX	89	85	82	84	85	81	85	88	89	91	88	84	84	86	82	84	85	88	81	81	79	80	82	83	78	81	86	77	81	80	70	83.2
	MIN	66	64	60	61	65	66	64	65	68	67	67	62	62	64	60	60	61	62	64	57	54	56	57	61	68	68	56	54	54	61	54	61.5
WARSAW MARKLAND DAM	MAX	89	87	84	86	87	81	88	90	91	92	89	83	87	89	85	86	85	89	73	80	79	82	83	85	78	83	83	78	82	79	78	84.2
	MIN	69	65	58	59	60	66	65	64	64	65	68	64	62	62	58	58	60	61	63	58	56	57	56	59	66	69	57	54	54	59	56	61.0
WAYNESBURG 7 NE	MAX	86	81	85	86	85	82	88	89	89	89	82	80	84	80	75	82	88	81	75	72	79	82	81	78	76	82	78	82	79	77	75	81.5
	MIN	66	65	59	64	63	64	65	65	69	66	65	59	61	66	60	63	57	63	63	56	55	58	61	62	65	65	60	51	65	59	57	61.8
WILLIAMSTOWN 3 NW	MAX	86	85	83	86	85	86	88	90	92	89	82	85	86	83	85	84	87	86	78	78	80	83	84	77	83	83	78	81	78	74	75	83.2
	MIN	67	61	59	66	68	67	66	67	73	66	67	59	64	64	59	60	64	65	64	57	57	60	63	68	68	68	56	57	61	61	56	63.2
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	90	84	84	84	88	87	81	88	90	92	89	83	82	88	83	85	84	87	77	81	77	81	85	86	80	85	86	79	84	78	69	83.8
	MIN	67	63	59	61	61	66	61	65	68	65	67	59	61	62	58	59	59	64	66	60	56	57	61	67	68	68	62	55	58	60	61	62.1
BARBOURVILLE	MAX	87	87	85	88	87	85	86	89	91	93	93	87	83	89	83	85	85	89	91	80	78	82	86	88	80	75	85	82	85	83		85.6
	MIN	65	66	58	59	61	61	64	66	66	67	67	68	63	62	67	65	62	62	65	60	57	58	62	64	65	67	65	59	59	60		63.0
BAXTER	MAX	88	83	85	88	87	86	83	88	89	91	91	86	84	88	82	85	86	90	90	80	79	81	88	88	78	75	85	80	85	79	72	84.5
	MIN	67	66	60	61	59	59	63	65	66	67	67	67	60	60	65	63	62	62	62	62	59	58	58	62	64	65	67	60	60	62	62	62.6
BLAINE	MAX	87	84	84	86	88	86	80	87	90	91	90	85	79	87	80	84	89	87	86	80	76	81	85	87	80	83	86	79	85	80	68	83.9
	MIN	67	63	58	58	58	60	61	61	60	65	63	65	58	58	61	60	58	52	63	61	55	54	58	64	68	68	63	54	54	59	53	60.0
CUMBERLAND	MAX	85	85	85	84	85	77	85	88	89	89	86	82	86	87	82	84	86	87	86	80	78	83	86	84	75	82	83	82	76	77	74	83.2
	MIN	64	64	55	57	54	60	62	58	60	65	63	58	55	66	63	61	55	62	62	60	55	57	60	60	64	65	62	54	65	58	60	60.1
DEWEY DAM	MAX																																
	MIN																																
GRAYSON 5 SE	MAX	87	84	83	85	88	87	82	88	90	93	90	83	80	87	83	86	85	87	78	80	77	82	86	87	79	84	84	79	84	81	70	83.8
	MIN	66	61	55	58	58	61	60	62	65	64	65	62	57	58	57	59	57	57	64	59	53	54	58	65	67	67	63	52	53	58	60	59.8
HEIDELBERG LOCK 14	MAX	89	85	85	86	88	86	88	90	90	88	89	86	87	87	84	85	88	89	88	82	81	85	85	82	81	87	87	85	85	80	76	85.6
	MIN	66	69	57	64	63	66	65	66	68	66	67	63	64	70	64	66	59	67	67	60	58	60	63	66	67	70	66	55	69	62	63	64.4
HINDMAN 11 NNE	MAX	85	84	87	87	86	82	86	92	90	88	89	87	88	85	83	81	90	82	80	82	80	85	84	86	77	84	85	86	77	78	78	84.3
	MIN	58	57	59	61	57	59	65	66	65	66	67	66	67	65	64	64	62	63	65	62	58	60	59	59	67	68	57	56	67	58	59	62.1
HYDEN	MAX	87	85	84	85	86	87	82	87	89	90	90	87	79	86	80	83	83	86	84	79	75	79	84	85	80	78	84	78	84	80	78	83.4
	MIN	65	65	59	59	61	61	61	65	67	67	67	65	63	63	65	64	61	61	64	61	59	59	61	63	64	66	65	60	60	60	59	62.6
JACKSON	MAX	91	85	87	89	90	90	86	90	93	95	92	90	84	90	85	88	88	90	88	81	75	85	87	87	82	86	88	85	88	85	70	86.8
	MIN	68	67	60	59	64	64	63	65	68	69	68	67	64	64	64	65	62	62	65	60	60	60	62	65	67	68	66	59	59	61	62	63.8

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	83	82	84	83	84	81	85	88	90	88	87	88	85	82	82	83	86	87	88	75	79	83	83	78	75	84	79	63	79	71	75	82.6
	MIN	67	65	63	65	63	65	65	64	66	67	69	65	59	66	66	64	60	67	64	58	54	57	62	67	68	67	60	55	62	61	62	63.4
MANCHESTER 4 SE	MAX	83	82	85	85	84	83	87	88	89	89	85	78	85	85	82	83	86	87	87	77	79	83	85	84	78	84	80	83	80	79	75	83.2
	MIN	64	69	54	61	60	62	64	64	68	64	66	67	62	67	65	64	57	59	66	62	56	60	62	65	67	62	62	57	68	59	63	62.8
MC KEE	MAX	88	83	80	84	85	86	81	85	89	89	89	85	77	85	80	82	83	87	88	77	73	79	84	83	78	79	84	79	83	78	69	82.3
	MIN	65	67	54	56	60	61	61	62	64	64	65	64	59	61	60	61	56	57	65	58	54	55	58	62	66	67	63	52	53	58	60	60.3
MIDDLESBORO	MAX	86	84	85	85	85	85	85	88	89	91	87	89	84	86	81	84	85	88	90	79	78	82	85	86	78	74	81	81	84	80	75	83.9
	MIN	64	65	64	59	59	59	64	64	66	67	66	65	61	62	65	63	60	60	64	59	57	57	60	63	64	66	66	58	57	60	61	62.1
MONTICELLO	MAX	88	88	83	86	86	84	87	90	91	90	86	83	86	85	86	84	86	88	84	78	80	85	81	80	77	84	80	85	81	80	77	84.2
	MIN	69	68	63	64	62	68	69	67	67	71	68	67	63	65	66	64	59	67	67	59	56	56	65	67	68	70	64	55	67	62	61	64.6
MOUNT VERNON	MAX	85	82	85	84	85	84	87	89	89	89	88	81	85	85	81	82	85	86	86	78	78	83	82	81	79	83	78	83	79	78	74	83.0
	MIN	68	66	58	66	65	65	64	65	69	65	68	64	64	68	64	66	59	68	66	59	55	56	62	63	58	69	62	53	67	59	60	63.3
PIKEVILLE	MAX	88	86		89	89	83	90	93	93	91	90	84	91	85	88	86	91	85	82	77	84	88	88	81	82	88	83	90	79	81	79	86.1
	MIN	69	69		63	59	56	66	68	68	66	69	67	60	73	67	67	65	65	67	64	60	64	65	65	67	69	68	59	68	63	64	65.3
SOMERSET 2 N	MAX	88	81	85	83	84	83	86	90	93	89	86	79	86	84	80	84	86	87	83	77	78	83	79	79	79	81	80	84	80	80	76	83.0
	MIN	66	65	59	61	60	65	64	64	67	67	68	62	61	66	63	64	58	63	63	56	54	54	61	65	66	67	64	55	68	62	62	62.6
STEARNS 1 W	MAX	86	84	86	85	87	86	82	88	88	92	88	87	84	86	88	88	88	87	84	85	81	82	85	85	79	84	83	84	79	74	78	84.6
	MIN	68	62	62	63	64	64	66	68	65	60	60	64	60	62	59	64	59	63	66	63	65	66	67	68	64	65	60	59	60	62	63	63.3
TOMAHAWK 1 WSW	MAX	88	85	85	87	87	86	81	88	91	93	91	88	81	81	81	85	85	87	82	80	75	82	84	89	79	83	84	81	86	84	83	84.6
	MIN	66	66	55	55	65	60	62	63	64	63	62	64	60	61	61	61	59	57	63	61	58	57	62	64	65	69	64	55	56	62	56	61.2
VANCEBURG	MAX	81	82	84	87	88	84	90	89	91	89	84	81	86	84	86	84	86	82	80	76	81	84	83	81	81	86	84	84	82	77	76	83.6
	MIN	67	62	54	59	60	60	60	61	60	64	65	59	56	66	54	55	55	66	64	58	53	55	55	55	68	67	61	52	69	56	56	59.7
WEST LIBERTY	MAX	87	84	86	84	88	87	80	86	90	90	90	86	78	86	79	83	83	86	80	81	75	80	85	86	79	82	86	80	85	85	70	83.5
	MIN	66	66	56	56	59	65	63	63	65	67	67	64	63	63	62	62	61	61	63	59	56	56	60	65	65	68	65	57	57	60	60	61.9
WILLIAMSBURG 1 E	MAX	87	85	83	83	83	84	85	87	90	82	85	83	87	86	82	85	87	88	87	81	80	83	85	85	77	82	80	84	81	82	79	83.8
	MIN	58	56	55	56	57	61	65	67	69	63	69	69	65	67	67	59	62	67	67	61	57	60	64	65	66	69	65	58	61	60	63	62.8

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1970 - 1971

KENTUCKY

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
WESTERN 01														
BAROWELL 4 E	0	0	21	240	551	722	990	786	649	253	93	0	4305	
BEAVER OAM	0	0	24	193	546	723	994	800	648	260	119	0	4307	
FOROS FERRY DAM 50	0	0	17	195	538	756	1009	807	693	270	106	0	4391	
GILBERTSVILLE KY DAM	0	0	7	142	478	649	917	741	575	194	56	0	3759	
GOLOEN PONO 8 N	0	0		183	514	674	965	799	633	228	102	0		
GREENVILLE 2 W	0	0	23	202	566	674	976	788	640			0		4124
HENDERSON 7 SSW	0	0	17	201	557	762	1042	809	666	267	119	0	4440	4205
HICKMAN 1 E	0	0	18	183	505	674	940	740	605	220	82	0	3967	
HOPKINSVILLE	0	0	18	206	581	712	991	828	688	264	116	0	4404	4022
LOVELACEVILLE	0	0	20	212	550	678	988	770	644	239	90	0	4191	3933
MADISONVILLE 1 SE	0	0	19	199	565	712	993	845			101	0		
MAYFIELO RAOIO WNGO	9	0	27	143	575	723	997	771	602	241	91	0	4179	
MURRAY	1	0	19	186	538	689	953	746	631	231	79	0	4073	3806
OWENSBORO 2 W	0	0	16	191	534	738	1023	809	636	256	90	0	4293	4288
PADUCAH FAA AIRPORT	0	0	16	218	573	729	1004	779	669	262	105	0	4355	
PADUCAH SEWAGE PLANT	0	0	18	207	586	709	994	811	684	258	122	1	4390	
PRINCETON 1 SE	2	0	20	195	539	714	989	767	629	236	106	0	4197	0 4023
ROCHESTER LOCK 3	5	0	34		611	755	1018	836	745	292	151	0		
RUSSELLVILLE	3	0	27	244	588	714	992	841	717	277	151	0	4554	4162
* * *														
CENTRAL 02														
ANCHORAGE	0	0	26	202	565	779	1062	831			141	0		4729
BAROSTOWN	2	0	22	199	545	752	1017	756	659	299	142	0	4393	
BARREN RIVER RESERVOIR	2	0	29	206	576	705	980	847	725	295	158	0	4523	
BERNHEIM FOREST	2	0	24	198	557	751	1011	791	656	303	138	0	4431	
BOWLING GREEN FAA AP	1	0	21	206	555	727	964	799	696	279	116	0	4364	3962
BRAOFORDSVILLE	1	0	29	196	550	706	1005	781	690	338	180	0	4476	
CAMPBELLSVILLE 2 SSW	3	0	14	184	524	707	968	752	645	259	136	0	4192	
CECILIA	1	0	21	228	580	758	1022	806	667	297	130	0	4510	4550
GLASGOW WKAY	5	0	25	211	565	719	982	784	670	273	131	0	4365	
GREENSBURG	2	0	27	191	571	746	1004	843	719	299	156	0	4558	4260
HOOGENVILLE-LINCOLN NP	1	0	18	184	535	730	1000	773	642	261	130	0	4274	
IRVINGTON	1	0	23	229	572	758	1046	820	687	314	168	0	4618	4272
LEITCHFIELO 2 N	2	0	22	223	560	759	1004	792	662	287	129	0	4440	4172
LOUISVILLE	0	0	15	143	493	692	998	766	601	220	89	0	4017	
LOUISVILLE WSO	0	0	23	220	582	781	1052	833	707	303	137	0	4638	4660
MAMMOTH CAVE PARK	4	0	26	210	554	713	991	786	677	254	137	0	4352	
NOLIN RIVER RESERVOIR	5	0	29	240	596	763	1033	875	769	338	190	0	4838	
ROUGH RIVER DAM	3	0	28	251	623	802	1058	889	756	314	164	0	4888	
SCOTTSVILLE 3 SSW	4	0	18	161	571	656	926	741	608	222	105	0	4012	
SUMMER SHAOE	4	0	23	203	559	707	958	778	652	279	134	0	4297	
WOLF CREEK OAM	2	0	27	184	556									
* * *														
BLUE GRASS 03														
BEREA COLLEGE	3	0	11	146	514	692	973	723		222	126	0		4143
CARROLLTON LOCK 1	0	0	29	195	556	770	1068	823	684	333	162	0	4620	
COVINGTON WSO	4	0	28	212	591	829	1133	881	758	351	157	0	4944	5265
CYNTHIANA 2	7	0	40	250	654	866	1135	938	831	421	203	4	5349	
OANVILLE	5	0	29	214	617	793	1061	862	776	336	172	0	4865	
DIX OAM	3	0	17	167	553	741	989	750	675	293	144	0	4332	
FALMOUTH 5 WNW	6	0	44	255	649	860	1140	835	777	435	214	2	5217	
FARMERS 1 WNW	1	0	34	196	562	776	1031	771	709	375	165	0	4620	4487
FLEMINGSBURG 1 SW	4	0	34	216	593	810		832	761	362	190	0		
FRANKFORT LOCK 4	2	0	30	224	598	802	1061	886	789	358	184	0	4934	4508
LEXINGTON WSO	6	0	31	229	637	821	1087	838	759	382	198	0	4988	4683
MAYSVILLE SEWAGE PLANT	6	0	38	213	628	845	1139	911	834	402	220	4	5240	4749
MOUNT STERLING	4	0	24	171	572	749	1026	787	700	294	152	0	4479	
OWENTON	2	0	36	212	612	794	1128	856	813	374	181	2	5010	
RICHMOND	5	0	32	213	609	760	1048	854	762	312	183	1	4779	
SHELBYVILLE	7	0	36	247	633	840	1125	914	801	373	199	1	5176	4546
WARSAW MARKLAND OAM	11	0	41	230	640	855	1147	927	837	447	254	3	5392	4728
WAYNESBURG 7 NE	7	0	26	205	575	735	994	775	711	295	160	0	4483	
WILLIAMSTOWN 3 NW	4	0	31	206	605	817	1096	840	758	345	164	0	4866	4689

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued

SEASON OF 1970 - 1971

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *															
EASTERN	04														
ASHLAND		3	0	42	240	582	808	1106	874	796	429	229	7	5116	4226
BARBOURVILLE		0	0	28		597	723	949	828	731	335	166	0		
BAXTER		1	0	30	200	616	770	987	823	746	349	178	0	4700	
BLAINE		3	0	36	260	610	826	1104	917	824	452	254	4	5290	
CUMBERLAND		0	0			550	712	957	734	719	373	200	2		
DEWEY DAM		1	0	30	237	575	807	1050	815	755					
GRAYSON 5 SE		5	0	45	268	615	831	1102	914	824	451	251	7	5313	
HEIDELBERG LOCK 14		1	0	28	173	544	714	936	755	666	304	137	0	4258	
HINDMAN 11 NNE		0	0	32	242	590	774		840	719	332		0		
HYDEN		1	0	23	208	504	755	1026	875	786	389	213	0	4780	
JACKSON		0	0	29	181	550	736	988	810	726	329	174	0	4523	
LONDON FAA AP		3	0	27	223	610	788	1014	829	755	319	170	0	4738	
MANCHESTER 4 SE		2	0	20	164	548	699	926	766	671	324	165	0	4285	
MC KEE		13	0	47	274	671	850	1085	920	839	418	259	5	5381	
MIDDLESBORO		0	0	29	199	605	736	980	816	749	362	189	1	4666	
MONTICELLO		5	0	15	158	539	666	910	761	656	275	132	0	4117	
MOUNT VERNON		4	0	29	154	551	701	958	743	662	281	145	0	4228	
PIKEVILLE		0	0	14	136	470	681	877	681	625	246	117	0	3847	
SOMERSET 2 N		7	0	24	201	579	726	954	778	699	300	150	0	4418	
STEARNS		4													
STEARNS 1 W			0	32		617					335		0		
TOMAHAWK 1 WSW		2	0	39	268	594	761	1081	887	813	425	254	0	5124	
VANCEBURG		5	0	32	200	574	754	1022	789	695	400	195	0	4666	
WEST LIBERTY		10	0	38	239	604	814	1092	898	805	409	219	1	5129	
WILLIAMSBURG 1 E		1	0	18	143	445	633	854	717	643	241	103	0	3798	3893

Ø REVISED OR ADJUSTED

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	85	83	84	84	83	81	83	85	85	85	82	83	83	81	80	82	83	83	80	81	79	78	77	78	78	78	78	78	77	78	77	81.0
		MIN	78	77	76	77	77	76	77	78	80	77	77	77	77	76	77	76	75	78	76	74	73	73	73	74	73	75	74	74	74	74	72	75.6
	20	5PM	76	76	75	76	76	76	76	76	76	77	77	77	77	77	76	76	76	76	76	76	75	75	75	75	75	75	75	75	74	74	74	75.7
BEREA COLLEGE	4	MAX	84	81	81	82	81	81	80	81	81	81	-	81	82	81	80	80	81	81	81	-	79	78	80	80	79	80	80	81	80	80	80	80.6
		MIN	79	79	77	78	78	78	78	78	79	78	-	78	78	79	78	78	78	79	77	70	78	75	76	78	77	77	77	79	78	74	79	77.5
	20	5PM	78	78	78	78	78	78	78	78	78	82	-	79	79	78	78	78	78	78	78	78	78	78	77	77	78	78	78	78	77	78	77	78.1
CUMBERLAND GAP PARK	4	MAX	81	80	79	80	80	80	80	81	83	84	80	80	82	82	78	80	83	84	83	77	78	79	80	80	78	75	78	79	79	76	75	79.8
		MIN	76	74	73	74	74	75	75	76	77	78	75	75	75	76	75	75	73	78	76	74	73	74	75	75	75	73	74	76	75	73	73	74.8
	20	5PM	74	74	73	74	74	74	74	74	75	75	75	75	75	75	75	74	75	75	75	75	74	74	74	75	75	75	75	75	74	74	74	74.5
FLEMINGSBURG 1 SW	4	MAX	81	80	82	80	80	78	80	80	79	80	79	81	78	77	76	75	74	75	78	73	73	73	75	75	77	79	80	80	80	80	77	77.9
		MIN	77	76	75	75	75	75	75	76	77	76	75	75	74	75	73	71	73	73	73	71	70	70	71	73	73	74	74	72	74	74	72	73.8
	20	6PM	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	71	71	71	71	71	70	70	70	70	70	70	71	71	71	72	71	71.3
GLASGOW WKAY	4	MAX	80	80	80	80	80	80	80	81	81	81	81	81	80	79	77	79	79	81	81	77	77	77	77	77	76	76	78	78	78	78	75	78.9
		MIN	76	76	74	75	76	76	76	76	78	77	77	77	77	75	76	75	75	76	76	74	74	73	74	76	75	75	74	74	75	75	72	75.3
	20	6PM	73	73	73	73	73	73	73	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	73	74	74	73	73	73	73	73.6
GREENVILLE 2 W	4	MAX	84	85	85	85	83	85	87	89	89	-	-	-	-	-	-	-	-	-	87	81	81	82	83	80	81	79	82	83	80	80	77	83.1
		MIN	80	78	78	78	78	80	80	82	83	-	-	-	-	-	-	-	-	-	78	77	76	77	79	78	77	78	76	76	77	75	72	77.9
	20	5PM	75	75	75	75	75	75	75	76	76	-	-	-	-	-	-	-	-	-	76	76	75	75	75	75	75	75	75	75	75	74	73	75.0
HENDERSON 7 SSW	4	MAX	82	81	81	81	82	81	81	82	83	84	83	82	83	82	81	81	80	80	80	80	78	77	77	77	77	77	77	76	75	75	75	79.7
		MIN	79	79	77	78	79	78	79	79	80	82	78	79	80	79	79	78	79	79	80	78	74	75	76	76	76	77	74	75	74	74	72	77.5
	20	6PM	75	74	74	74	74	74	74	75	75	75	75	75	75	75	75	75	75	75	75	75	75	74	74	74	74	74	74	73	73	73	72	74.3
IRVINGTON	4	MAX	83	84	82	80	81	80	81	82	83	83	82	81	81	79	78	80	81	80	78	79	74	76	75	76	75	76	80	76	75	75	72	79.0
		MIN	77	77	74	74	75	74	75	76	79	77	76	77	75	74	74	76	75	76	76	74	66	71	71	74	75	74	76	69	71	71	68	74.1
	20	4PM	72	72	72	71	71	71	71	71	72	72	72	73	72	72	72	72	72	72	72	72	71	71	71	71	71	71	71	70	71	70	69	71.4
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	97	100	95	88	85	90	92	85	79	85	91	92	93	90	79	89	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	69	67	68	67	62	59	61	65	69	69	70	63	59	67	64	63	-
	2	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	93	95	90	84	82	84	87	82	78	81	88	89	88	87	77	84	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	72	69	70	69	64	61	63	67	70	70	72	66	62	70	66	64	-
	4	MAX	82	81	85	86	85	82	86	88	86	86	82	84	82	-	82	87	89	84	79	79	80	89	79	76	78	83	82	81	82	74	79	82.6
		MIN	73	70	68	72	73	74	71	74	77	73	73	70	72	-	69	72	72	72	71	67	65	67	70	71	71	73	69	66	71	68	67	70.7
	8	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	83	84	81	77	77	77	79	77	75	77	80	80	78	80	75	76	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	74	73	74	72	69	67	68	71	72	72	73	71	68	72	70	68	-
(SOD)	1	MAX	83	83	85	85	82	80	88	90	-	-	-	-	-	-	82	84	84	80	78	78	79	80	78	76	77	80	80	79	79	75	77	80.9
		MIN	75	75	74	74	75	74	72	78	-	-	-	-	-	-	75	72	74	70	72	71	69	70	72	73	73	74	72	70	73	72	70	72.8
	2	MAX	82	82	83	82	81	82	82	84	84	85	82	83	82	-	-	83	83	80	78	77	78	81	77	76	77	80	80	78	78	74	77	80.4
		MIN	76	75	73	75	75	76	74	76	73	76	76	74	76	-	-	75	75	71	72	72	70	71	73	74	73	74	73	71	73	72	71	73.6
	4	MAX	80	79	78	79	79	80	83	84	82	83	81	81	81	-	80	81	81	79	77	76	77	78	77	75	77	78	79	81	82	74	79	79.4
		MIN	76	75	74	75	75	75	76	79	73	76	76	74	76	-	74	75	75	73	73	72	71	72	73	74	74	74	73	66	71	68	67	73.5
	8	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	78	77	76	75	75	76	75	75	75	76	76	75	76	75	74	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	75	73	73	73	72	72	74	74	74	74	74	73	74	73	72	-
	20	7PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	74	73	74	74	73	73	72	73	73	73	73	73	73	73	72	72	-
	40	7PM	68	68	68	68	69	69	69	69	69	69	70	70	70	-	70	70	70	71	71	71	71	70	70	70	70	70	70	70	70	70	70	69.7

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Continued

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
PRINCETON 1 SE																																		
	4	MAX	84	82	85	84	81	82	84	86	86	87	87	85	84	84	82	83	84	86	81	80	79	79	80	77	78	78	78	78	82	78	79	82.0
		MIN	80	77	77	78	78	78	79	80	80	80	80	78	78	79	79	77	78	80	78	75	74	75	76	76	76	78	73	74	74	74	71	77.1
	20	5PM	75	75	75	74	75	74	75	75	75	75	76	75	75	75	75	75	75	75	75	75	75	74	74	74	74	74	74	74	73	73	72	74.5
QUICKSAND																																		
	4	MAX	84	83	84	84	82	83	82	84	84	84	82	82	82	82	90	82	82	83	91	76	78	80	81	82	79	81	81	81	81	82	76	81.5
		MIN	78	78	76	77	76	77	76	78	79	79	79	78	77	78	76	76	76	77	75	74	74	74	76	78	76	77	77	75	77	75	73	76.5
	20	4PM	76	76	76	76	76	76	75	76	76	76	76	77	76	76	76	76	76	76	76	75	75	75	75	76	76	75	76	76	76	76	75	75.8
SANDY HOOK 4 NW																																		
	4	MAX	82	80	80	80	80	80	80	80	80	81	82	80	80	80	80	80	79	80	76	75	75	77	78	78	77	80	80	78	78	78	73	78.9
		MIN	75	75	73	74	73	75	72	74	74	75	74	75	72	76	72	72	70	74	72	71	69	70	71	73	73	74	74	75	74	72	70	73.0
	20	6PM	70	70	70	70	70	70	70	70	70	71	71	71	71	71	70	70	70	70	69	70	70	70	69	70	70	70	70	70	70	70	70	70.1
SOMERSET 2 N																																		
	1	MAX	87	86	86	87	84	84	85	87	88	84	86	84	85	85	83	86	91	86	85	80	82	84	84	80	79	80	85	83	82	82	82	84.3
		MIN	77	77	74	75	75	75	75	76	78	77	76	77	75	75	75	76	75	77	72	72	72	73	76	75	75	75	75	73	76	72	72	74.9
	4	MAX	84	84	85	84	81	82	83	85	85	84	86	82	82	82	80	83	89	65	83	78	80	81	81	79	78	78	82	82	80	80	82	82.3
		MIN	77	77	74	75	75	75	75	75	77	78	76	77	75	75	75	76	75	77	73	72	72	73	76	75	75	74	75	74	76	73	72	75.0
	20	6PM	77	77	81	76	76	76	76	77	77	78	77	77	77	78	77	77	77	77	77	76	76	76	76	76	76	76	76	76	76	76	75	76.6
WILLIAMSTOWN 3 NW																																		
	4	MAX	77	78	78	77	78	77	78	78	79	78	78	78	78	77	77	78	77	78	75	74	75	75	75	75	74	75	75	75	75	74	74	76.5
		MIN	75	75	74	75	75	75	75	75	76	76	76	75	75	75	73	74	75	75	73	72	71	72	72	74	74	74	72	71	73	74	71	73.9
	20	6PM	68	69	69	69	69	69	70	70	70	70	70	71	71	71	71	71	71	71	70	70	70	70	70	70	70	70	70	70	70	70	69	70.0

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

EVAPORATION AND WIND

Station			Day Of Month																														Total or Avg.
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * WESTERN	01																																	
MADISONVILLE 1 SE		EVAP	.19	.35	.33	.26	.32	.17	.24	.24	.24	.27	.27	.25	.27	.23	.23	.11	.27	.26	.51	.21	.16	.28	.22	.06	.23	.15	.15	.21	.10	.15	.10	7.03
		WIND	52	21	34	43	75	49	25	28	25	31	63	43	27	50	26	38	16	48	73	51	12	15	21	69	67	30	25	16	44	14	11	1142
		MAX	97	99	93	93	91	92	94	98	98	99	97	93	99	96	91	84	98	94	91	88	90	93	91	88	82	86	84	92	80	79	78	91.2
		MIN	73	68	67	68	70	70	72	72	74	74	70	70	70	70	72	69	68	73	70	64	75	65	65	70	64	71	61	61	62	62	57	68.3
* * * CENTRAL	02																																	
NOLIN RIVER RESERVOIR		EVAP	.38	.10	.24	.22	.26	.22	.25	.26	.25	.23	.24	.27	.28	-	.34	.06	.26	.32	.35	.17	.15	.26	.22	.20	.13	.09	.13	.28	.27	.13	.05	6.838
		WIND	46	22	24	13	44	47	17	20	26	23	48	54	23	50	32	42	32	40	51	59	23	20	20	37	45	36	34	24	36	26	19	1033
* * * BLUE GRASS	03																																	
DIX DAM		EVAP	.19	.18	-	-	-	.31	.06	.24	.20	*	*	.92	.32	-	.10	.27	*	.52	.31	.20	.14	.28	.12	.05	-	.03	-	.28	.16	.18	.07	6.368
		WIND	29	26	*	94	8	36	15	24	12	*	*	117	57	45	32	34	57	21	27	67	25	20	11	38	25	12	52	16	31	23	30	984
		MAX	97	93	-	-	97	96	94	102	101	-	-	97	91	92	88	93	90	86	96	86	87	90	95	95	94	88	94	93	90	91	73	92.2
		MIN	72	70	-	-	63	70	70	72	73	-	-	68	68	69	70	69	70	73	69	65	65	66	66	68	69	71	66	66	67	67	62	68.3
* * * EASTERN	04																																	
BUCKHORN		EVAP	[illegible]	.30	.15	.21	.22	.25	.16	.11	.33	.22	.18	.14	.14	.20	.09	.16	.18	.26	.08	.22	.11	.20	.20	.19	.11	.04	.18	.22	.20	.16	.06	5.37
		WIND	[illegible]	17	13	7	7	23	10	8	8	17	14	39	11	32	15	12	15	20	39	35	9	9	9	4	19	19	17	9	16	17	15	501
		MAX	105	97	104	108	100	95	92	110	112	109	104	90	87	106	95	102	101	107	96	77	91	102	107	103	98	83	92	104	104	98	84	98.8
		MIN	[illegible]	72	69	68	72	71	70	73	73	74	72	71	71	70	71	70	70	69	70	67	66	66	70	71	72	65	69	68	67	69	66	69.8

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 18	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 38	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	38 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	500		8A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		M	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	JAUNITA E HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 08	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	80[illegible]		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		M	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK M. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C M	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	69[illegible]		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	75[illegible]		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	49[illegible]		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 18	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	419[illegible]	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	436[illegible]	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	462[illegible]	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	[illegible]	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	474[illegible]	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 28	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	5P	5P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA V HORNE
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C M	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	7	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			CLAY B DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		M	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		M	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		M	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	92[illegible]				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			Y O SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	45[illegible]		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	105[illegible]	6P	6P		GM	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. M. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	50[illegible]				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	176[illegible]		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	[illegible]	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	INACTIVE 4/1/71
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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USCOMM-NOAA-ASHEVILLE-8/27/71-870

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
AUGUST 1971
Volume 66 No. 8

THE LIBRARY OF THE
OCT 27 1971
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	86.0	62.0	74.0		92	20	51	1	0	6	0	0	0	6.32		2.40	22	.0	0		5	4	3
BEAVER DAM	85.9	63.0	74.5		92	21	50	1	0	6	0	0	0	1.34		.70	26	.0	0		3	1	0
FORDS FERRY DAM 50	85.6	65.1	75.4		98	26	55	1	0	7	0	0	0	2.52	- .78	.95	10	.0	0		4	2	0
GILBERTSVILLE KY DAM	88.2	66.4	77.3		94	9	55	1	0	13	0	0	0	5.45		1.05	4	.0	0		7	6	1
GOLDEN POND 8 N	84.5	65.9	75.2		90	21+	55	1	0	2	0	0	0	2.69		1.12	22	.0	0		5	2	1
GREENVILLE 2 W	84.7	62.9	73.8	- 2.8	90	9	51	1	0	1	0	0	0	4.07	.46	1.55	26	.0	0		6	3	2
HENDERSON 7 SSW	85.5	64.5	75.0	- 2.2	94	25	52	1	0	5	0	0	0	1.98	- 1.42	.71	26	.0	0		6	1	0
HICKMAN 1 E	85.9	63.7	74.8		92	25	52	1	0	5	0	0	0	8.28		5.76	22	.0	0		6	4	1
HOPKINSVILLE	86.7	63.6	75.2	- 2.5	92	26	51	1	0	9	0	0	0	3.77	.34	1.29	4	.0	0		6	3	2
LOVELACEVILLE	87.4	62.1	74.8	- 3.5	93	20+	48	1	0	15	0	0	0	4.66	1.41	1.80	31	.0	0		5	4	2
MADISONVILLE 1 SE	87.1	61.5	74.3		92	10	49	1	0	8	0	0	0	1.38		.66	4	.0	0		3	1	0
MAYFIELD RADIO WNGO	86.2M	63.6M	74.9M		91	24+	52	1	0	5	0	0	0	8.36		2.10	22	.0	0		7	4	4
MURRAY	85.5	65.4	75.5	- 3.1	90	25+	54	1	0	3	0	0	0	5.38	2.13	2.30	22	.0	0		7	3	2
OWENSBORO 2 W	87.4	63.2	75.3	- 1.6	93	25+	50	1	0	13	0	0	0	1.58	- 1.87	.75	4	.0	0		4	2	0
PADUCAH FAA AIRPORT	84.8	65.0	74.9		90	20+	52	1	0	3	0	0	0	5.30		2.40	31	.0	0		5	5	2
PADUCAH SEWAGE PLANT	85.2	63.8	74.5		92	26+	51	1	1	7	0	0	0	6.15	2.83	1.56	10	.0	0		8	6	2
PRINCETON 1 SE	85.2	64.1	74.7	- 3.1	91	20	52	1	0	2	0	0	0	3.00	- .33	.77	2	.0	0		7	2	0
ROCHESTER LOCK 3	83.2	62.0	72.6		89	26	53	1	1	0	0	0	0	2.96		1.29	26	.0	0		4	2	1
RUSSELLVILLE	84.5	63.0	73.8	- 3.4	90	26+	52	1	0	3	0	0	0	6.56	3.11	2.85	3	.0	0		6	4	2
DIVISION			74.8	- 2.7										4.30	.91			.0					
* * * CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN	84.8	60.8	72.8		93	25	51	30	1	7	0	0	0	1.93		1.22	4	.0	0		4	1	1
BARREN RIVER RESERVOIR	85.9	63.2	74.6		93	11	54	28	0	7	0	0	0	4.35		1.65	4	.0	0		6	3	2
BERNHEIM FOREST	85.9	60.8	73.4		93	25	51	1	0	6	0	0	0	3.35		1.13	5	.0	0		5	2	2
BOWLING GREEN FAA AP	85.3	64.4	74.9	- 3.0	93	10	56	29+	0	6	0	0	0	7.71	4.11	2.87	2	.0	0		7	4	3
BRADFORDSVILLE	84.5	61.2	72.9		90	10	50	29	0	1	0	0	0	3.07		1.08	5	.0	0		4	2	2
CAMPBELLSVILLE 2 SSW	84.5	63.2	73.9		89	10+	52	28	1	0	0	0	0	2.22		1.45	3	.0	0		4	1	1
CECILIA	85.5	61.8	73.7	- 1.7	92	21	52	14	0	4	0	0	0	1.83	- 1.81	.63	4	.0	0		5	1	0
GLASGOW WKAY	83.6	63.1	73.4		90	25+	53	28	0	2	0	0	0	5.68		1.29	3	.0	0		7	4	3
GREENSBURG	86.4	62.5	74.5	- 1.6	91	26+	53	29	0	7	0	0	0	2.86	- 1.00	1.73	4	.0	0		5	2	1
HODGENVILLE-LINCOLN NP	85.3	61.3	73.3		91	21	49	29	1	5	0	0	0	1.46		.75	3	.0	0		4	1	0
IRVINGTON	84.6	60.7	72.7	- 3.8	91	22	49	1	0	4	0	0	0	2.57	- .57	.83	26	.0	0		4	3	0
JAMESTOWN 8 SSW	84.3	65.0M	74.7M		87	31+	54	28	0	0	0	0	0	4.09		1.70	4	.0	0		4	3	3
LEITCHFIELD 2 N	85.2	62.1	73.7	- 3.0	92	25+	52	1	0	5	0	0	0	2.47	- .91	.89	4	.0	0		6	3	0
LOUISVILLE	86.6	64.7	75.7		94	20	54	19	0	8	0	0	0	2.21		.62	4	.0	0		6	2	0
LOUISVILLE WSO R	83.9	64.3	74.1	- 2.1	91	25	55	1	0	3	0	0	0	1.83	- 1.14	.63	2	.0	0		4	1	0
MAMMOTH CAVE PARK	85.0	60.8	72.9		90	25+	51	13+	0	2	0	0	0	4.13		1.63	3	.0	0		8	3	1
NOLIN RIVER RESERVOIR	85.1	59.6	72.4		91	22+	51	30+	0	5	0	0	0	1.62		.57	4	.0	0		4	2	0
ROUGH RIVER DAM	85.9M	60.5	73.2M		92	22+	48	1	2	8	0	0	0	3.29		1.45	3	.0	0		3	3	2
SCOTTSVILLE 3 SSW	83.5	65.6	74.6		89	25+	55	28	0	0	0	0	0	4.92		2.63	4	.0	0		6	2	1
SUMMER SHADE	83.1	63.0	73.1		87	25+	52	29	0	0	0	0	0	2.59		1.00	3	.0	0		5	2	1
DIVISION			73.7	- 2.5										3.21	- .33			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	83.4	63.7	73.6	- 2.3	89	10	54	29	0	0	0	0	0	2.23	- 1.89	.91	3	.0	0		5	2	0
CARROLLTON LOCK 1	82.1	62.2	72.2		88	25	53	1	0	0	0	0	0	5.57	2.10	1.50	26	.0	0		8	6	2
COVINGTON WSO R	83.0	61.8	72.4	- 1.7	90	18	54	24+	0	1	0	0	0	3.45	.85	1.44	4	.0	0		5	2	2
CYNTHIANA 2	84.6	57.4	71.0		92	26+	47	25+	1	5	0	0	0	4.92		4.00	26	.0	0		4	2	1
DANVILLE	82.7M	60.9M	71.8M		89	26+	55	29+	0	0	0	0	0	1.72	- 2.22	.93	3	.0	0		5	1	0
DIX DAM	84.6M	62.8	73.7M		90	15+	54	29	0	3	0	0	0	1.21		.47	3	.0	0		4	0	0
FALMOUTH 5 WNW	83.3M	56.5M	69.9M		89	25+	44	24	4	0	0	0	0	7.83	4.82	3.14	26	.0	0		8	5	3
FARMERS 1 WNW	83.4	60.5	72.0	- 2.2	89	25+	51	24	0	0	0	0	0	1.13	- 2.98	.46	4	.0	0		4	0	0
FLEMINGSBURG 1 SW	81.9	59.1	70.5		88	20	51	29+	3	0	0	0	0	2.27		1.89	26	.0	0		3	1	1
FRANKFORT LOCK 4	84.9	60.5	72.7	- 3.3	91	26	55	28+	0	6	0	0	0	1.05	- 2.39	.63	4	.0	0		2	1	0
LEXINGTON WSO R	84.7	63.0	73.9	- 2.1	92	20	54	28	0	3	0	0	0	.88	- 2.33	.29	3	.0	0		4	0	0
MAYSVILLE SEWAGE PLANT	83.5	59.1	71.3	- 3.1	90	21	49	25+	0	1	0	0	0	6.49	2.45	3.55	26	.0	0		6	4	2
MOUNT STERLING	82.3	62.5	72.4		88	20	53	24	0	0	0	0	0	1.41	- 2.14	.95	26	.0	0		3	1	0
OWENTON	82.2	62.5	72.4		89	26	53	25+	0	0	0	0	0	3.98		2.00	4	.0	0		5	3	2
RICHMOND	82.9	61.3	72.1		91	21	53	28+	0	2	0	0	0	1.38		.42	4	.0	0		5	0	0
SHELBYVILLE	82.3	60.4	71.4	- 4.1	89	26+	54	1	0	0	0	0	0	2.68	- .94	1.15	3	.0	0		5	2	1
WARSAW MARKLAND DAM	82.7	59.7	71.2	- 4.2	89	10	52	25	0	0	0	0	0	8.38	5.00	4.40	26	.0	0		5	5	2
WAYNESBURG 7 NE	82.7	60.3	71.5		90	20	53	29+	0	1	0	0	0	2.41		.91	26	.0	0		4	2	0
WILLIAMSTOWN 3 NW	81.9	61.8	71.9	- 3.8	88	20	53	24	0	0	0	0	0	6.40	3.17	2.59	26	.0	0		7	3	2
DIVISION			72.0	- 3.5										3.44	- .23			.0					
* * * EASTERN 04																							
ASHLAND	82.3	59.5	70.9	- 4.9	89	21+	48	25+	1	0	0	0	0	1.43	- 1.89	.57	22	.0	0		5	1	0
BARBOURVILLE	84.7	62.2	73.5		89	21	55	30+	0	0	0	0	0	2.19		.73	23	.0	0		7	1	0
BAXTER	83.9	62.3	73.1		90	11	56	29+	0	1	0	0	0	5.09		1.15	5	.0	0		9	4	2
BLAINE	83.1	58.8	71.0		89	11	49	25+	0	0	0	0	0					.0	0				
CUMBERLAND	83.0M	60.3M	71.7M		88	11	52	25	0	0	0	0	0	3.36		.90	4	.0	0		7	3	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 110

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY OAM																							
GRAYSON 5 SE	83.2	57.9	70.6		88	26+	46	25+	1	0	0	0	0	1.45		.65	26	.0	0		3	1	0
HEIOELBERG LOCK 14	83.9	62.1	73.0		90	11+	52	28+	0	2	0	0	0	1.71	- 2.30	.57	5	.0	0		5	1	0
HINOMAN 11 NNE																							
HYOEN	82.2	61.3	71.8		87	21+	55	29+	0	0	0	0	0	1.98		.67	23	.0	0		5	1	0
JACKSON	85.9	62.3	74.1		92	21+	56	31+	0	8	0	0	0	1.88		.58	5	.0	0		6	1	0
LONDON FAA AP	82.0	61.5	71.8		87	10	52	28	0	0	0	0	0	2.86		.87	2	.0	0		6	2	0
MANCHESTER 4 SE	83.5	60.6	72.1		90	10	53	25	0	1	0	0	0	2.33		.77	23	.0	0		5	2	0
MC KEE	81.2	57.9	69.6		88	21+	50	30+	2	0	0	0	0	3.09		.87	5	.0	0		5	4	0
MIOOLESBORO	84.3	61.1	72.7		88	22+	52	28	0	0	0	0	0	2.16		.95	23	.0	0		6	1	0
MONTICELLO	84.4	62.2	73.3		89	25	53	28	0	0	0	0	0	3.38		1.01	3	.0	0		5	3	1
MOUNT VERNON	82.7	60.9	71.8		88	10	51	29+	0	0	0	0	0	4.11		1.25	26	.0	0		5	4	2
PIKEVILLE	86.0	64.7	75.4		92	20+	59	29+	0	6	0	0	0	2.64	- 1.31	.75	27	.0	0		7	2	0
SOMERSET 2 N	84.0	62.0	73.0		90	23	51	28	1	1	0	0	0	3.11		.97	3	.0	0		7	2	0
STEARNS 1 W	83.8	59.5	71.7		87	31+	53	17+	0	0	0	0	0	7.50		4.16	5	.0	0		5	3	3
TOMAHAWK 1 WSW	83.0	59.7	71.4		90	11	50	25	0	1	0	0	0	1.43		.57	5	.0	0		3	1	0
VANCEBURG	82.4	58.7	70.6		88	10	48	24	4	0	0	0	0	5.24	1.55	2.33	22	.0	0		4	3	3
WEST LIBERTY	82.8	59.8	71.3		89	21	51	25+	0	0	0	0	0	1.73		.72	4	.0	0		4	1	0
WILLIAMSBURG 1 E	83.9	63.2	73.6	- 2.6	87	20	55	25	0	0	0	0	0	5.66	1.89	1.26	5	.0	0		7	6	2
OIVISION			72.2	- 3.1										3.06	- .74			.0					

EXTREMES

HIGHEST TEMPERATURE FOROS FERRY OAM 50	98	OATE	26
LOWEST TEMPERATURE FALMOUTH 5 WNW	44	OATE	24
GREATEST TOTAL PRECIPITATION WARSAW MARKLANO OAM	8.38		
LEAST TOTAL PRECIPITATION MIOWAY	.54		
GREATEST 1 OAY PRECIPITATION HICKMAN 1 E	5.76	OATE	22

SPECIAL WEATHER SUMMARY

August was relatively cool, and dry, or wet, depending on location. A number of storms occurred. One lightning fatality in Garrard County, and one lightning injury in Boyle County, were reported on the 18th. Flash flooding hit several southeastern counties on the 4th and/or 5th. There was scattered storm damage on the 25th, with the heaviest damage in several counties in the northeast.

Temperatures averaged from 2° to 3° below normal over portions of Kentucky. Rainfall was spotty. Official monthly totals ranged from 0.54 inch at Midway, in the Blue Grass Division, to 9.20 inches at Fulton, in the Purchase Region. Totals ranged from more than 3 inches below normal to more than 5 inches above normal. At Lexington, the total of 0.88 inch made it the second driest August of record there. As of the 31st, it had been about 4 weeks since the last day with at least 1/4-inch of rain in portions of the central and southern Blue Grass Division. In contrast, several locations in southwest Kentucky had from 5 to 6-1/2 inches of rain in 24 hours on the 21st-22d. A total of 6.53 inches fell on Columbus in Hickman County.

The U. S. Department of the Interior Geological Survey in Water Resources Review for August 1971 states that: "In northeastern Kentucky, daily discharge of the Licking River at Catawba (drainage area, 3,300 square miles), was 24,000 c.f.s., on the 26th, highest daily for the month in the 45 years of record."

For further details for these and other events see the accompanying tables and this month's issue of STORM DATA.

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Lexington, Kentucky 40506

DAILY PRECIPITATION

KENTUCKY
AUGUST 1971

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	6.32			1.15	.11	.06			.03													.70	2.40				.01					1.86
BEAVER DAM	1.34		.03	.37	.18	.02													.04			T					.70					
CALHOUN LOCK 2	1.34			.04	.72	.04	T				T	.40											.03				.11					
COBB	2.11				.75	.33																	.55			.48						
DAWSON SPRINGS	1.57	T		T	.45					.28														.27	T		.57	T				T
DUNDEE	6.10	.29	1.85								T								T				3.00				.96					
DUNMOR	3.09			.15	.76	.46	.02				.60												.23	.03			.84	T				
ELKTON 2 S	7.47			1.76	1.80	1.17	.12					.25	.18							.15			.75	.25			.47	.57				
FORDS FERRY DAM 50	2.52				.83	.29	T				.95	T											.42	T			.03					
FRANKLIN 1 E	5.41		.29	1.86	1.24	.18						.26											.32	.19	.49		.47	.08				.03
GILBERTSVILLE KY DAM	5.45			.86	1.05	.35	T			.91													.97			.50	.75					.06
GOLDEN POND 8 N	2.69			.22		.28	.03				.08												1.12			.83	.13					
GREENVILLE 2 W	4.07		.17	.36	.52	.09				1.08	.09												.21				1.55					
HARTFORD 6 NW	3.19			.99	1.47	.17																	.03	.05			.48					
HENDERSON 7 SSW	1.98			.28	.30	T				.35												T	.12				.71					.22
HICKMAN 1 E	8.28		T	.54	.30	.77	T		T	.29												.06	5.76									.56
HOPKINSVILLE	3.77			.20	1.29	.18	.08				1.05	.09											.61	.19			.03	.05				
LOVELACEVILLE	4.66			.76	.65	.14					.05											.04	1.22									1.80
MADISONVILLE 1 SE	1.38			.09	.66	.24	T				.02												.28				.09					
MAYFIELD RADIO WNGO	8.36			1.75	1.70	2.00				.16	T											.45	2.10									.20
MURRAY	5.38			.82	1.15	.23				.20	.26											.05	2.30		.04							.33
OWENSBORO 2 W	1.58			.13	.75	.55																	.05				.10					
OWENSBORO DAM 46	1.47			T	.84	.34	T																.03				.26					
PADUCAH FAA AIRPORT	5.30		.02	.58	.07	.04				.56												1.01	.57				.05					2.40
PADUCAH SEWAGE PLANT	6.15			.70	.72	.40	.03			.36	1.56												.63	T			1.10	T				.65
PARADISE STEAM PLANT R	1.94			.04	.48	.14	T				.08												.14				1.06					
PRINCETON 1 SE	3.00		.77	.18	.35	.36																	.71		.20		.43					T
ROCHESTER LOCK 3	2.96			.09	.42	.91		T					T							.02			.18				1.29	.05				
RUSSELLVILLE	6.56			2.85	2.17	.50	.02	T				.03											.55	.20			.20	.04				
SEBREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNIONTOWN DAM 49 //	3.22				1.04	.88					.03												.77				.50					
• • • CENTRAL 02																																
ADDISON DAM 45 //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALBANY 4 N	3.18			.04	.71	1.21	.06					.75												.11				.30				
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARDSTOWN	1.93		.01	.25	1.22	.10																					.35					
BARREN RIVER RESERVOIR	4.35			.63	1.65	.19						.31											.10	.06				1.41				
BERNHEIM FOREST	3.35		.42	1.08	.29	1.13																					.43					T
BOWLING GREEN	-		T	1.50	.78	-	-	-	-	-	-	-	-	-	-	-				T			.03				2.10					
BOWLING GREEN FAA AP	7.71		2.87	1.41	.15						T								T			.17	.15	.03			2.35					.58
BRADFORDSVILLE	3.07			1.02	.47	1.08						.05															.45					
BROWNSVILLE	2.10			.90	.49	.05	T					T								.31			.10	T			.20	.05				
BURKESVILLE 2 W	5.34			1.64	1.32	.56						.24	T							.03			.17					1.38				
CAMPBELLSVILLE 2 SSW	2.22		T	1.45	.48	.10					T												T				.19					
CANEYVILLE	2.21			.23	.20	1.41																					.37					
CECILIA	1.83		.33	.25	.63	.25	T																T				.37					
EDMONTON	3.06			1.10	.94	.15	.25					.07								.40								.15				
GAMALIEL 1 S	6.02			1.17	3.58	.11						.02	.50										.09	.09			.46					
GLASGOW	4.70			.90	.63	.56	.56					.92	.15							.68			.08					.22				
GLASGOW WKAY	5.68		.33	1.29	.44	.90						1.28							T	1.20			.07				.17					
GLENDALE 1 E	2.72			.16	1.50	.40	.31													T							.30	.05				
GREENSBURG	2.86			.28	1.73	.51	.05													.11			.03	T				.15				
GREENSBURG HIWAY 61	3.06			.32	1.83	.47	.08					T								.21			.05				T	.10				
HODGENVILLE-LINCOLN NP	1.46		.12	.75	.21	.03						T															.35					
IRVINGTON	2.57		.41	.71	.57	.05																	T				.83					
JAMESTOWN 8 SSW	4.09			1.03	1.70	.15	.03																					1.18				
LEITCHFIELD 2 N	2.47			.12	.89	.59	.55													.12			.02	.03			.13	.02				
LIBERTY	4.98			1.00	1.30	.34						.26								.83			.05	.04			1.07	.09				
LOUISVILLE	2.21		.30	.28	.62	T														.16			.03				.51					.31
LOUISVILLE WSO R	1.83		.63	.41	.37	.02						T							.02			T	.04			.08	.26				T	T
LOUISVILLE UPPER GAGE	2.04			.13	1.03	.50	.03																				.35					
MAMMOTH CAVE PARK	4.13		.15	1.63	.50		.42					.48	.50							.18			.09				.18					
MILLERSTOWN	2.55			.31	1.81	.22	T													.03			.01	.02			.15	T				
MUNFORDVILLE	4.99			.66	1.05	.45						1.79								.76			.06	T			.12	.10				
NOLIN RIVER RESERVOIR	1.62			.54	.57	.12	.05					T								T			.09				.22	.03				
ROUGH RIVER DAM	3.29			1.45	.68	.04																		T			1.10	.02				
SCOTTSVILLE 3 SSW	4.92		.22	.90	2.63	.29	.06				.05												.45				.32					
SCOTTSVILLE 2 SW	3.32			1.35	1.25	.25	T					.05											.10	.10				.22				
SHEPHERDSVILLE	1.97			.55	.65	.14	.15					T								.08			T				.39					.01
SUMMER SHADE	2.59		.77	1.00	.05	.02					T	.05							.18				.29				.23					
WOODBURY LOCK 4	3.84			.16	.58	.28	.10	.87															.15	.12			1.55	.03				
• • • BLUE GRASS 03																																
BEREA COLLEGE	2.23		.11	.91	.42	.55													T				.02				.22					
BEREA	2.25			.12	1.24	.60																		.02			.07	.13				.07
CARROLLTON LOCK 1	5.57			.75	.85	1.00											.17						.27	.50			1.50	.53				
COVINGTON WSO R	3.45			.17	1.44							.02									T	.17	1.41			.22	.02					
CYNTHIANA	5.20			.15	.45	.13	.02					.03											.18				4.24					
CYNTHIANA 2	4.92			.07	.15	.53						.05											.12				4.00					
DANVILLE	1.72			.93	.38	.13																	T				.13	.15				
DIX DAM	1.21			.47	.30	.09	T					T								.25							.10					
FALMOUTH 5 WNW	7.83			.06	1.70	.53						.12					.26						.74	.26			3.14	1.02				
FARMERS 1 WNW	1.13			.15	.46	T							T									T	.10	T			.42	T				
FLEMINGSBURG	2.37			T	.04	.16	.02					.07	T										.10	.02			1.96					
FLEMINGSBURG 1 SW	2.27		T	.02	.20	.01						.03											.12				1.89					
FORD LOCK 10	.98			.24	.52	.06	T						T										T	T			.16					
FRANKFORT LOCK 4	1.05			.07	.63	.06	.07					T	T											T	T		.14	.08	T			
GEORGETOWN WATER WORKS	.60			.25	.21																						.14					
GEST LOCK 3	3.37			.15	1.55	.70	T					.03								T				.12			.77					.05
HIGH BRIDGE LOCK 7	1.09			.62	.32	.03	T					T								T			T				.12					
KEENE 1 SSW	1.09			.76	.08	.02	T		.02																		.21					T
LA GRANGE 1 ESE	3.28		.09	1.00	1.27	.01											T		T		T		.17				.22					.52
LANCASTER	1.07			.44	.48	.07														.08												
LEXINGTON WSO R	.88		.12	.29	.19	T						T				T							T				.24					.04
LITTLE HICKMAN LOCK 8	2.04			.40	.34	.09							.03											.82			.36					
LOCKPORT LOCK 2	6.11			.12	3.35	.46																	T	.18			1.80					.20
MAYSVILLE SEWAGE PLANT	6.49			.04	.55	.88	T			T		T	T										1.03	.19			3.55	.25				
MIDWAY	.54			.09	.26	.15	T																				.04					
MOUNT STERLING	1.41		.01	.22	.23							T											T				.95					
OWENTON	3.98			.10	2.00	.50	T										T						.05	.15			1.18					
RICHMOND	1.38		T	.28	.42	.14							.06											.37			T	.11				
SALVISA LOCK 6	1.35			.26	.17	.13											.64							T			.15	T				
SHELBYVILLE	2.68			1.15	.71	.26	.32					T															.24					
SPRINGFIELD	1.50			.67	.27																						.56					
TAYLORSVILLE	2.93			.30	1.20	.35	.75																				.28					.05
TYRONE LOCK 5	.81			.20	.38	.06	.08						T				.03	T									.06	T				
VALLEY VIEW LOCK 9	.93			.42	.33	.05	T						T							T			T	T			.07	.06				
WARSAW MARKLAND DAM	8.38			T	1.55	.60																	.96	.87			4.40					

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURO 7 NE	2.41		T	.53	.48	.49																				T	.91	T				
WILLIAMSTOWN 3 NW	6.40		.01	.34	1.55	T					7	T				.43	T		T				.82	.01		.23	2.59	.42				
* * *																																
EASTERN 04																																
ALLEN	2.52			.56	.03	1.67	T													T			T	.22				.04				
ASHLAND	1.43	.01		.17	.25	.14							T										.57	.02			.27	T				
BARBOURVILLE	2.19		T	.16	.42	.13						.12	.34						T					.73	T			.29				
BAXTER	5.09		.20	.59	.44	1.15	.43					1.07	.44											.62				.15				
BLAINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUCKHORN	1.50		T	.15	.49	.66													T					.15				.05				
BURDINE 2 NE	2.24		.20	.05	.65	.35						.06							.02					.34				.57				
CLAY CITY 1 WNW	1.10			.10	.43	.05																					.47	.05				
COLLEGE HILL LOCK 11	1.02		T	.10	.62	.05						T	T										T	T			.11	.06				.08
CUMBERLAND	3.36	.36	.10	.12	.90	.31	T	T	T		T						.70	7			T			.07	T			.80	T		T	
CUMBERLAND FALLS ST PK	5.00	.02	.99	2.01	.47	.42					.70							.06					.25		.05		.03					
DEWEY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELKHORN CITY	5.48	T	.15	.46	1.06	.43						.08	.37							T				.87				2.06				
FISHTRAP RESERVOIR	3.41		.10	.50	.32	.58							.65						.07					.56				.61		.02		
FREEBURN 2 SW	3.04		.06	.20	.08	.18							.63				.02			.02				.91	.02			.92				
FRENCHBURG	2.91			1.21	.65	.60	.02						.09											.34								
GRAYSON 5 SE	1.45			.42	.20		T						.04						.02			.02	.05	.03			.65	.02				
GRAYSON RESERVOIR	2.49			.27	1.10														.04			.26	.10	.03			.67	.02				
HAZARD WATER WORKS	3.09			.31	.35	.69														1.42				.32								
HEIDELBERG LOCK 14	1.71		T	.29	.45	.57							.13										T	T				.27				T
HINDMAN 11 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HYDEN	1.98		.24	.25	.46	.06							.20							.07				.67				.03				
JACKSON	1.88		T	.47	.22	.58							.15											.34				.12				
JEREMIAH	3.43	.73	T	.11	.64	.10						.60											.75					.50				
LLOYD GREENUP DAM	3.45			.02	.10	.88							.01									.02	.04	1.30			1.08					
LONDON FAA AP	2.86	T	.87	.44	.83	T					.10							.02					.29				.31					T
LOUISA 2	1.42		T	.12	.62	.19							.02						.05			.02	.05	.17			.18					
MANCHESTER 4 SE	2.33			.64	.40	.32													.15					.77				.05				
MC KEE	3.09			.53	.69	.87							T											.73				.27				
META	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLESBORO	2.16		.25	.36	.11	.30	.01						.11							.07				.95								
MONTICELLO	3.38		.83	1.01	.83	.08						.16	.03										.05	.04				.35				
MOUNT VERNON	4.11	T	.18	1.01	.82	.82																	T				1.25					.03
ONEIDA	2.58			.94	.45	.37																		.37				.45				
PAINTSVILLE 1 S	2.81	.12	.25	.63	.42	1.16														.23												
PIKEVILLE	2.64	.25	.15	.12	.58	.09						.20											.48	.02				.75				
PINEVILLE 4 NW	3.17		.04	.41	.30	.99							.12							.26				1.02				.03				
RAVENNA LOCK 12	3.22			.13	.64	1.98							.13											T			.05	.25				.04
SALYERSVILLE 2 SE	5.08			.13	1.89	3.06																										
SOMERSET 2 N	3.11	.22	.33	.97	.66	.18					.01	T								.19			.06	T			.49	T				
STEARNS 1 W	7.50			.02	1.52	4.16	.45					.01												1.13				.21				
TILFORD	-	-	-	.21	.19	-																		.19				-				
TOMAHAWK 1 WSW	1.43			.43	.35	.57	T																.05	.03								
VANCEBURG	5.24			T	1.14	T						.05									.22		2.33			T	1.50					
WEST LIBERTY	1.73			.32	.72	.30		.15					.02						.05	T				.09			T	.08				
WILLIAMSBURG 1 E	5.66		.53	.69	.99	1.26	T					T	.24						.08					.86				1.01	T			
WILLOW LOCK 13	3.10		.03	.79	.81	.79	T	T					.23	T					.06				T	.05			T	.31				.03

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	24	0.1	6.6	20++	29	22+	84	89	57	64	1	2	3	0	2	0	8	-	5.7
LEXINGTON WSO	10	1.0	6.1	15++	25	26+	80	83	55	63	4	1	4	0	0	0	9	-	5.5
LOUISVILLE WSO	9	0.9	6.9	27	SW	10	82	87	58	62	4	4	3	1	0	0	12	60	5.2

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	83	85	82	79	79	83	88	90	87	91	87	87	86	88	89	86	87	88	89	92	86	79	88	90	90	90	83	79	83	86	86	86.0
	MIN	51	55	54	69	69	66	62	67	69	68	68	57	54	56	61	68	63	61	62	59	63	66	63	66	65	69	59	53	55	56	68	62.0
BEAVER DAM	MAX	82	81	82	82	75	81	85	88	91	90	88	83	85	85	86	87	87	87	88	90	92	87	88	88	91	90	86	79	83	87	88	85.9
	MIN	50	60	67	69	66	67	64	64	66	68	73	59	52	53	57	67	64	66	64	70	65	67	63	66	67	67	59	54	53	59	67	63.0
FORDS FERRY DAM 50	MAX	83	84	77	75	74	82	85	89	87	91	85	85	86	88	88	85	87	87	89	91	92	81	90	90	91	98	77	80	83	89	86	85.6
	MIN	55	60	68	67	67	69	68	68	71	71	65	60	59	61	61	69	66	68	67	65	67	68	67	69	67	68	59	58	60	62	67	65.1
GILBERTSVILLE KY DAM	MAX	85	84	82	81	76	85	91	93	94	91	89	86	89	89	90	88	87	91	91	93	93	86	92	92	92	93	89	80	85	89	88	88.2
	MIN	55	64	71	70	68	69	67	70	70	72	72	61	60	64	66	69	65	66	71	68	70	66	67	71	69	66	60	57	59	63	72	66.4
GOLDEN POND 8 N	MAX	78	84	81	79	82	77	81	85	89	90	88	87	83	85	86	86	85	86	87	89	90	89	77	87	89	89	86	77	79	82	86	84.5
	MIN	55	65	68	71	70	70	71	73	67	67	69	62	60	62	64	69	66	68	69	65	68	67	65	69	66	65	62	58	60	63	70	65.9
GREENVILLE 2 W	MAX	82	81	82	82	74	83	84	88	90	88	83	83	85	85	86	85	85	85	87	88	89	83	88	87	89	86	86	78	82	86	86	84.7
	MIN	51	60	67	68	67	65	65	64	67	67	70	59	55	56	59	66	64	65	63	64	66	67	63	66	65	66	59	54	55	59	68	62.9
HENDERSON 7 SSW	MAX	81	84	78	73	74	82	85	89	89	91	85	84	85	89	88	86	87	88	88	91	92	83	91	89	94	89	79	80	84	88	86	85.5
	MIN	52	59	68	67	68	68	65	67	70	69	72	58	57	60	64	67	64	64	67	67	68	69	66	68	68	67	58	57	56	60	69	64.5
HICKMAN 1 E	MAX	82	83	80	81	78	83	89	90	89	90	87	83	87	87	88	85	86	87	89	90	90	85	87	89	92	87	85	78	82	87	88	85.9
	MIN	52	61	54	69	68	67	67	69	71	69	73	59	56	58	62	68	65	65	63	62	65	67	63	66	67	70	60	56	56	57	69	63.7
HOPKINSVILLE	MAX	79	85	82	80	87	82	87	87	90	90	90	87	85	87	88	89	88	89	86	90	91	91	80	90	91	92	89	82	83	84	88	86.7
	MIN	51	54	63	68	69	69	68	68	69	69	68	60	59	59	59	62	65	66	66	67	67	66	65	65	66	66	62	58	58	59	62	63.6
LOVELACEVILLE	MAX	85	85	77	78	73	86	92	93	92	93	87	85	88	89	90	86	87	91	90	93	88	81	91	91	92	90	90	81	84	90	90	87.4
	MIN	48	58	66	67	68	67	65	66	70	67	68	56	52	56	60	67	62	62	61	57	64	66	63	66	66	66	57	57	55	56	67	62.1
MADISONVILLE 1 SE	MAX	82	84	84	83	76	83	87	90	90	92	88	85	87	89	89	89	89	89	89	91	91	84	91	90	91	89	88	83	84	87	87	87.1
	MIN	49	59	65	66	64	65	63	63	65	67	69	55	53	55	59	64	61	62	63	64	65	66	63	65	63	65	56	58	53	55	65	61.5
MAYFIELD RADIO WNGO	MAX	83	82	81	80	76	83		91	90	91	88	85	87	86	88	88	87	87	87	89	88	82	88	91	90	89	89	82		87	86	86.2
	MIN	52	61	61	69	69	68	62		70	69	71	57	56	58	61	68	65	62	61	63	63	69	62	67	66	69	60	58		58	68	63.6
MURRAY	MAX	83	82	80	84	81	84	87	88	89	90	86	83	86	87	88	86	88	87	89	90	86	80	87	89	90	88	81	80	83	87	83	85.5
	MIN	54	64	67	69	70	69	68	69	69	70	70	61	60	60	63	69	66	66	66	65	67	66	65	69	67	70	61	58	58	61	70	65.4
OWENSBORO 2 W	MAX	83	85	78	74	76	83	86	90	90	91	89	87	88	89	91	89	89	90	90	93	93	83	92	92	93	90	86	84	88	90	88	87.4
	MIN	50	60	68	69	67	68	66	66	68	68	69	60	54	57	62	67	63	65	65	61	64	67	63	63	68	68	57	55	55	59	67	63.2
PADUCAH FAA AIRPORT	MAX	81	82	76	79	73	84	86	90	88	90	85	82	85	87	89	85	88	88	88	90	86	78	88	89	89	88	78	81	83	85	87	84.8
	MIN	52	61	68	70	69	67	66	68	72	70	68	61	59	60	65	69	65	66	68	66	68	67	65	69	68	68	59	57	57	58	69	65.0
PADUCAH SEWAGE PLANT	MAX	77	84	82	76	80	73	83	86	89	86	92	86	84	84	88	89	87	87	88	90	92	90	79	91	91	92	88	78	80	83	87	85.2
	MIN	51	55	64	70	69	68	68	68	70	70	70	60	58	59	62	65	66	64	65	65	67	68	65	66	67	64	60	57	58	59	61	63.8
PRINCETON 1 SE	MAX	81	83	78	82	76	82	85	88	89	89	84	83	85	86	87	85	87	87	89	91	90	84	88	87	89	88	86	79	82	86	86	85.2
	MIN	52	60	69	69	68	69	66	66	69	69	70	58	56	57	62	69	63	65	67	64	68	68	64	68	65	68	59	55	56	59	69	64.1
ROCHESTER LOCK 3	MAX	75	82	77	80	78	75	80	82	85	88	88	86	84	85	85	86	84	85	83	86	87	88	78	88	87	89	86	77	79	82	85	83.2
	MIN	53	55	63	69	67	64	65	65	66	68	69	57	56	54	57	61	61	63	63	63	67	67	64	65	65	66	61	56	56	56	61	62.0
RUSSELLVILLE	MAX	77	82	75	80	85	81	84	85	89	90	90	85	83	85	86	87	87	88	84	88	89	89	77	87	88	90	85	79	80	79	86	84.5
	MIN	52	54	66	67	69	66	65	67	67	69	69	68	55	54	56	64	65	67	62	63	69	67	63	66	65	66	60	55	56	55	66	63.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN	MAX	81	80	80	78	72	78	83	86	90	91	84	81	85	85	86	86	86	84	89	92	91	87	86	85	93	90	83	76	83	88	90	84.8
	MIN	53	63	68	67	65	64	60	60	63	68	68	57	52	54	54	65	63	64	61	64	64	67	64	60	58	65	56	52	52	51	64	60.8
BARREN RIVER RESERVOIR	MAX	78	84	80	84	85	83	85	87	90	92	93	87	82	86	88	86	86	87	84	90	90	91	82	89	89	92	81	80	80	84	88	85.9
	MIN	57	60	68	68	68	67	68	65	68	67	68	58	56	56	57	60	60	67	63	64	66	66	66	67	68	64	61	54	55	59	67	63.2
BERNHEIM FOREST	MAX	84	83	76	74	72	80	85	87	89	90	89	84	85	85	88	88	88	87	88	92	92	90	88	87	93	92	87	80	83	87	89	85.9
	MIN	51	61	67	67	63	62	61	60	63	69	70	55	52	54	55	64	59	62	62	65	65	68	65	59	58	65	56	54	52	56	64	60.8
BOWLING GREEN FAA AP	MAX	84	76	82	84	81	83	85	87	90	93	85	82	84	87	88	86	87	83	90	91	91	80	87	87	92	81	79	81	83	88	88	85.3
	MIN	58	65	69	69	69	67	67	67	68	69	66	61	57	58	58	68	67	66	65	67	65	66	63	68	65	65	62	56	56	60	70	64.4
BRADFORDSVILLE	MAX	78	83	79	82	85	78	81	85	84	90	89	83	83	86	88	87	85	87	84	86	89	89	83	87	87	89	81	79	80	85	87	84.5
	MIN	55	62	68	68	67	63	64	61	62	66	69	55	51	57	54	65	59	63	62	63	63	69	65	69	55	65	57	51	50	55	64	61.2
CAMPBELLSVILLE 2 SSW	MAX	82	81	80	83	79	80	89	88	88	89	88	81	82	85	85	83	85	85	86	88	88	85	85	85	88	86	80	76	86	86	88	84.5
	MIN	56	65	67	70	67	66	63	62	65	68	68	59	65	57	60	67	64	66	63	68	67	68	65	62	58	66	60	52	54	55	65	63.2
CECILIA	MAX	83	80	82	80	75	80	84	86	89	89	87	82	84	85	86	86	87	85	88	91	92	88	88	86	91	86	86	86	84	90	86	85.5
	MIN	57	60	61	68	66	64	62	63	68	69	69	58	56	52	60	65	63	64	61	61	64	66	63	61	60	66	56	55	55	57	65	61.8
GLASGOW WKAY	MAX	82	79	80	82	79	80	83	84	87	90	80	79	82	83	83	82	84	84	87	88	89	85	86	85	90	88	79	78	82	86	87	83.6
	MIN	55	64	65	65	68	65	66	64	64	67	66	68	55	57	56	64	63	66	63	68	65	65	65	65	61	68	59	53	58	61	66	63.1
GREENSBURG	MAX	79	85	80	83	86	82	84	88	89	91	91	84	85	87	88	90	89	90	86	89	91	90	83	89	88	91	82	82	80	86	89	86.4
	MIN	57	62	66	67	68	67	64	65	64	68	68	59	55	56	58	61	65	66	63	65	66	69	67	64	60	62	60	54	53	55	62	62.5
HODGENVILLE-LINCOLN NP	MAX	83	83	81	81	80	80	83	86	88	89	89	83	83	85	85	85	84	85	87	90	91	90	86	86	90	90	84	77	83	87	89	85.3
	MIN	53	66	67	66	65	69	62	62	64	67	67	57	53	55	55	67	63	64	61	64	64	66	64	62	58	64	55	51	49	58	63	61.3
IRVINGTON	MAX	82	85	78	78	72	78	79	87	90	89	90	83	84	84	85	87	85	86	88	88	89	91	88	85	89	90	83	75	80	86	88	84.6
	MIN	49	57	66	68	65	65	60	62	64	69	70	55	51	52	55	65	62	61	61	60	63	67	63	62	62	66	56	54	53	57	62	60.7
JAMESTOWN 8 SSW	MAX	82	84	83	80	83	84	80	84	85	86	84	82	82	84	87	86	86	86	86	86	82	82	82	86	86	86	80	87	87	87	87	84.3
	MIN	62	66					67	67	68	70	69	65	61	65	65	62	65	67	63	68	69	67	65	65	62	66	68	54	59	66	65	65.0
LEITCHFIELD 2 N	MAX	83	81	83	82	74	81	84	87	92	91	83	82	85	85	88	84	85	86	87	90	92	85	88	86	92	87	85	80	81	86	86	85.2
	MIN	52	61	67	69	66	65	63	63	65	70	69	58	53	54	54	68	63	64	61	64	65	67	65	64	60	66	59	53	55	56	65	62.1
LOUISVILLE	MAX	84	86	79	79	78	79	85	85	89	90	90	86	85	89	89	87	86	90	89	94	93	92	88	85	93	93	86	78	84	87	86	86.6
	MIN	59	66	69	67	67	68	67	65	70	71	72	60	58	61	65	68	65	64	54	57	73	57	69	64	68	68	60	60	61	64	70	64.7
LOUISVILLE WSO	MAX	82	82	78	73	76	81	85	85	88	89	86	82	85	86	88	84	86	86	88	90	90	78	86	84	91	85	76	78	82	86	85	83.9
	MIN	55	63	70	68	66	66	64	64	67	72	68	59	56	59	61	68	63	66	65	68	70	68	67	62	64	68	60	59	58	61	67	64.3

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MAMMOTH CAVE PARK	MAX	83	81	82	80	81	83	84	86	89	90	88	82	84	86	86	85	85	84	86	88	89	87	88	85	90	88	81	78	82	86	87	85.0
	MIN	51	61	66	61	67	65	64	62	63	66	67	57	51	54	55	63	62	69	62	59	64	65	63	62	58	64	58	52	54	57	63	60.8
NOLIN RIVER RESERVOIR	MAX	76	83	77	82	81	78	83	85	88	91	91	85	84	85	87	88	88	89	84	88	90	91	80	89	88	90	84	80	82	85	87	85.1
	MIN	54	53	61	66	66	65	64	62	63	63	67	58	54	54	56	56	57	64	59	59	62	64	62	63	60	62	60	51	51	51	60	59.6
ROUGH RIVER DAM	MAX	78	83	83	83	80	74	87	86		92	90	86	85	87	88	85	86	86	87	90	91	92		91	90	91	88	79	81	84	87	85.9
	MIN	48	52	61	67	65	65	62	62	64	66	69	56	54	54	55	59	60	61	64	64	65	66	63	65	64	64	56	55	54	56	60	60.5
SCOTTSVILLE 3 SSW	MAX	82	78	82	84	83	80	82	85	86	88	83	80	85	85	83	83	83	82	86	89	89	82	84	84	89	83	78	78	81	85	86	83.5
	MIN	59	67	67	67	69	68	68	67	70	72	68	61	61	58	62	67	67	69	65	68	68	69	67	68	67	65	61	55	59	66	69	65.6
SUMMER SHADE	MAX	81	78	80	82	81	81	83	85	86	87	84	80	82	84	85	85	84	83	84	86	87	83	84	84	87	82	78	78	82	85	86	83.1
	MIN	58	65	66	61	62	67	65	63	65	68	69	60	55	58	59	65	65	62	64	68	65	69	65	65	60	67	60	58	52	60	67	63.0
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	79	80	76	84	79	76	82	85	85	89	88	82	84	85	86	84	86	84	83	87	86	79	85	83	88	86	81	78	83	84	87	83.4
	MIN	58	69	67	68	67	64	64	61	63	71	69	59	56	58	60	66	66	66	65	68	69	71	68	59	59	66	62	55	54	59	67	63.7
CARROLLTON LOCK 1	MAX	79	80	76	76	75	79	81	83	85	87	83	77	82	83	85	85	83	83	85	86	87	87	80	80	88	86	82	75	79	82	85	82.1
	MIN	53	62	67	65	62	62	61	60	64	69	70	57	56	57	61	65	60	63	62	67	68	68	65	54	59	67	68	59	58	57	63	62.2
COVINGTON WSO	MAX	81	83	78	72	78	82	81	84	87	87	82	78	82	84	84	83	89	90	88	88	87	76	79	84	88	84	74	81	83	87	89	83.0
	MIN	55	63	70	67	62	63	63	60	63	72	64	54	54	55	62	62	58	61	64	70	69	67	62	54	62	66	57	60	56	59	62	61.8
CYNTHIANA 2	MAX	78	83	83	82	76	79	81	80	86	90	90	85	84	86	87	89	85	87	89	89	92	91	82	85	85	92	84	78	76	83	87	84.6
	MIN	53	58	63	68	64	59	60	57	57	58	67	54	51	51	52	55	56	56	60	61	66	68	61	47	47	58	58	54	52	52	55	57.4
DANVILLE	MAX	75	80	78	77	74	76	78	83	85	86	89	82	82	84	85	86	85	86	83	85	89	89	81	86	85	89	82	81	77	83		82.7
	MIN	57	57	66	68	66	64	62	62	62	64	64	57	56	56	58	60	63	63	62	62	67	67	67	58	57	57	60	55	55	56		60.9
DIX DAM	MAX	80	80	76	80	79	77	83	83	86	90	90	82	82	84	90	87	85	84	85	89	89	88	86	86	89	89		82	82	87	89	84.6
	MIN	56	65	67	69	66	64	62	62	63	67	70	57	55	58	58	69	65	64	64	67	68	68	66	57	58	65	60	56	54	58	68	62.8
FALMOUTH 5 WNW	MAX	80	82	79	76	77	81	83	85	88	88	85	82	83	86	87	83	85	87	87	89	86	88	81	80	89	83	76	76	82	85		83.3
	MIN	47	58	66	64	60	58	62	50	57	65	68	47	48	48	55	61	52	55	57	60	65	65	60	44	53	62	54	54	48	51		56.5
FARMERS 1 WNW	MAX	80	82	82	80	74	78	86	85	87	89	88	85	84	82	86	86	85	83	83	88	88	80	84	80	89	84	79	75	80	84	88	83.4
	MIN	62	63	68	69	65	64	65	59	61	64	64	54	54	54	55	57	60	65	63	61	66	68	61	51	54	63	62	54	54	54	60	60.5
FLEMINGSBURG 1 SW	MAX	79	80	78	79	75	78	82	83	86	86	83	80	81	85	85	82	83	84	85	88	87	81	81	78	87	82	80	72	80	85	85	81.9
	MIN	55	64	63	67	62	63	61	53	59	65	69	54	52	53	54	62	59	62	61	63	66	65	63	51	53	60	59	52	51	53	59	59.1
FRANKFORT LOCK 4	MAX	78	82	82	81	75	75	80	86	88	89	90	86	85	87	88	90	85	87	87	88	90	90	80	87	87	91	87	79	79	84	90	84.9
	MIN	55	57	65	68	65	64	62	61	61	64	69	56	55	57	58	59	61	61	60	65	66	67	64	55	58	59	59	55	56	56	57	60.5
LEXINGTON WSO	MAX	80	79	79	82	75	78	84	85	87	89	85	82	85	87	89	86	88	87	88	92	90	83	86	85	91	84	80	79	84	89	89	84.7
	MIN	56	65	69	68	65	63	64	62	66	69	66	57	56	57	60	65	63	66	64	67	68	68	65	58	61	67	61	54	56	60	68	63.0
MAYSVILLE SEWAGE PLANT	MAX	76	80	83	80	73	78	82	85	86	88	88	84	83	84	87	87	85	87	88	88	90	88	89	81	80	89	80	77	76	82	86	83.5
	MIN	58	58	65	67	63	62	58	58	59	62	66	52	53	58	59	61	58	57	58	61	66	65	65	49	49	56	61	55	56	57	60	59.1
MOUNT STERLING	MAX	77	78	79	79	81	75	84	83	85	87	85	81	82	84	84	82	84	83	84	88	87	85	83	80	87	85	78	73	79	85	85	82.3
	MIN	58	64	68	69	69	65	67	60	63	66	69	57	56	58	56	64	62	65	65	67	68	70	65	53	57	63	61	56	54	57	65	62.5
OWENTON	MAX	75	81	80	77	70	77	81	83	85	87	87	82	82	85	85	88	85	87	85	87	88	88	75	80	81	89	82	73	76	82	86	82.2
	MIN	56	58	68	65	61	62	64	64	65	70	69	55	58	60	64	64	59	62	65	68	68	68	67	53	53	66	58	59	60	62	65	62.5
RICHMOND	MAX	76	80	81	79	74	75	77	82	85	86	90	82	81	83	86	85	84	85	83	87	91	88	82	85	84	89	83	82	77	81	88	82.9
	MIN	59	61	65	67	65	65	63	61	63	66	68	56	56	56	58	65	63	66	53	65	65	68	65	55	56	62	60	53	55	56	65	61.3
SHELBYVILLE	MAX	75	80	80	76	71	74	79	84	85	87	87	85	81	83	85	87	83	85	84	86	87	89	79	85	82	89	83	75	76	82	87	82.3
	MIN	54	56	64	68	63	62	62	62	63	65	69	56	56	57	58	59	60	60	62	63	65	67	60	56	56	60	57	57	57	57	60	60.4
WARSAW MARKLAND DAM	MAX	77	81	83	78	71	77	82	83	85	89	88	83	81	85	86	86	84	86	87	86	88	88	78	82	80	88	83	75	78	82	85	82.7
	MIN	54	54	62	66	64	63	59	59	60	63	60	60	57	55	56	60	64	61	57	61	66	66	66	53	52	62	58	56	57	60	60	59.7
WAYNESBURG 7 NE	MAX	80	78	79	82	77	81	82	85	86	88	81	80	82	85	85	82	83	81	88	90	87	85	83	83	88	78	78	76	81	84	86	82.7
	MIN	56	62	63	66	64	62	61	60	61	63	65	56	55	58	59	64	61	64	59	63	62	66	64	57	53	62	55	59	53	56	61	60.3
WILLIAMSTOWN 3 NW	MAX	80	81	77	75	75	80	83	85	86	86	85	80	82	85	85	81	83	83	85	88	86	79	82	78	87	82	75	76	79	85	85	81.9
	MIN	57	65	68	63	60	62	62	62	65	69	68	54	59	61	62	63	58	61	62	67	68	65	64	53	58	62	57	56	59	61	64	61.8
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	73	78	84	85	74	73	78	84	84	86	89	83	81	83	86	86	85	86	85	86	89	87	77	82	79	87	80	79	76	81	85	82.3
	MIN	60	61	66	69	64	64	60	58	60	62	65	55	54	57	58	60	59	59	63	62	62	67	63	48	48	55	61	52	55	57	59	59.5
BARBOURVILLE	MAX	75	80	83	86	85	85	83	85	86	87	88	87	84	87	87	87	86	86	83	87	89	88	75	85	85	88	85	81	80	85	87	84.7
	MIN	62	63	65	65	66	66	67	66	66	66	67	60	59	58	61	59	59	65	65	65	65	66	66	63	55	56	64	56	55	55	58	62.2
BAXTER	MAX	74	77	80	85	86	87	85	84	86	89	90	88	85	86	81	87	85	80	80	86	86	86	73	85	85	86	86	83	79	85	85	83.9
	MIN	63	64	64	65	67	67	66	64	64	64	66	63	59	59	61	60	60	63	63	64	64	66	66	64	56	56	63	57	56	58	59	62.3
BLAINE	MAX	78	78	81	84	83	73	78	84	85	87	89	83	82	84	88	86	84	87	84	87	88	87	78	82	81	87	81	80	78	82	86	83.1
	MIN	63	61	64	69	65	65	63	59	59	60	63	56	54	52	58	58	59	59	65	61	61	63	64	49	49	50	61	52	52	53	57	58.8
CUMBERLAND	MAX	78	80	81	83	82	84	85	85	80	86	88						85	81	84	86	87	82	78	81	85	85	83	80	79	84	87	83.0
	MIN	60	63	61	64	62	66	65	62	60	61						56	58	58	62	60	61	64	65	59	52	59	63	54	58	58	58	60.3
DEWEY DAM	MAX																																
	MIN																																
GRAYSON 5 SE	MAX	79	78	81	84	78	73	80	85	84	87	88	82	83	85	86	88	85	86	85	85	88	88	79	83	82	88	80	80	78	83	87	83.2
	MIN	60	57	67	68	65	65	58	58	58	59	62	53	53	54	56	57	58	58	63	60	60	65	62	46	46	50	61	51	52	55	57	57.9
HEIDELBERG LOCK 14	MAX	77	80	79	83	82	78	82	85	86	90	90	81	82	84	86	85	85	85	85	88	89	87	83	84	87	87	80	79	81	85	87	83.9
	MIN	60	64	67	69	67	68	65	62	63	65	67	59	56	57	57	64	63	64	65	62	64	68	65	55	52	64	63	52	55	57	66	62.1
HINDMAN 11 NNE	MAX																																
	MIN																																
HYDEN	MAX	76	78	80	85	85	77	80	83	83	85	87	85	79	83	84	85	84	84	82	82	87	85	75	83	80	85	85	80	78	81	81	82.2
	MIN	63	62	65	65	66	67	67	63	63	64	66	61	58	58	59	59	60	62	62	64	63	63	65	61	55	55	62	55	55	56	57	61.3
JACKSON	MAX	79	79	81	88	86	77	81	87	89	91	92	84	85	89	90	90	86	88	86	89	92	90	76	87	86	90	82	85	84	85	90	85.9
	MIN	63	63	67	69	67	66	68	63	63	63	66	60	58	58	60	61	63	63	64	65	66	66	68	58	57	57	64	56	56	56	56	62.3

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LONDON FAA AP	MAX	79	81	82	83	78	77	82	84	84	87	83	79	82	86	83	83	82	78	84	86	85	76	83	82	85	81	79	77	81	85	84	82.0
	MIN	61	64	63	67	66	65	63	61	61	63	66	60	56	59	59	63	64	63	62	62	63	68	66	62	53	63	59	52	54	57	60	61.5
MANCHESTER 4 SE	MAX	79	81	84	84	81	83	83	85	88	90	82	83	84	84	85	84	84	80	84	87	86	84	83	82	85	84	80	78	80	85	86	83.5
	MIN	61	64	62	66	68	67	61	62	64	59	57	57	55	57	60	58	62	61	63	62	63	64	65	59	53	62	62	54	54	56	60	60.6
MC KEE	MAX	73	78	75	80	82	74	75	81	84	86	88	80	81	83	83	85	82	83	80	85	88	87	76	83	82	87	78	78	76	80	84	81.2
	MIN	58	60	62	65	65	64	61	59	59	59	62	55	52	53	55	56	60	60	62	60	61	63	65	54	51	52	60	51	50	50	51	57.9
MIDDLESBORO	MAX	74	77	81	85	85	86	86	86	87	87	88	88	84	86	86	86	87	84	83	86	88	88	75	85	84	85	86	81	79	84	86	84.3
	MIN	62	63	64	64	66	67	64	65	65	65	65	61	58	59	60	58	58	61	62	63	64	63	64	64	53	54	61	52	54	56	59	61.1
MONTICELLO	MAX	82	76	83	86	85	82	84	87	87	88	84	83	84	85	86	85	85	82	86	88	87	83	83	86	89	85	80	79	80	87	88	84.4
	MIN	58	65	67	66	68	67	65	64	64	65	67	58	54	59	59	58	64	64	61	64	64	65	64	61	55	65	65	53	61	59	60	62.2
MOUNT VERNON	MAX	80	78	76	83	79	79	81	83	85	88	85	80	82	84	84	84	84	83	84	87	86	84	83	83	87	87	78	78	81	83	85	82.7
	MIN	56	63	66	67	65	65	63	60	60	64	69	55	53	57	56	62	62	64	62	64	65	69	65	57	53	64	62	51	51	57	62	60.9
PIKEVILLE	MAX	78	84	87	81	76	80	86	86	87	92	90	86	87	89	88	86	85	85	89	92	90	83	85	84	91	89	85	82	85	88	90	86.0
	MIN	66	67	67	69	68	69	69	64	66	65	70	63	61	63	63	63	65	65	67	67	66	67	67	62	59	62	63	59	59	62	64	64.7
SOMERSET 2 N	MAX	81	78	81	85	80	79	84	86	87	88	84	81	84	87	86	84	84	82	84	87	88	88	90	84	88	83	79	77	81	87	88	84.0
	MIN	58	63	66	67	67	65	62	62	62	64	67	59	55	59	61	64	65	64	63	63	66	67	64	63	54	67	63	51	53	57	61	62.0
STEARNS 1 W	MAX	82	85	80	78	81	83	84	85	87	85	86	85	84	85	85	81	78	84	86	87	85	86	83	84	87	85	80	79	83	87	87	83.8
	MIN	60	62	61	63	62	64	64	65	63	67	57	58	53	58	54	55	53	56	58	64	64	64	60	54	55	63	58	56	56	57	62	59.5
TOMAHAWK 1 WSW	MAX	77	77	82	83	85	74	76	84	86	87	90	85	82	85	88	86	83	84	83	86	88	85	76	85	80	87	83	81	78	81	86	83.0
	MIN	60	65	65	67	66	66	66	61	61	61	62	55	55	56	60	63	61	61	64	60	60	64	62	51	50	51	60	52	53	56	56	59.7
VANCEBURG	MAX	77	83	81	79	79	79	83	84	86	88	85	81	82	83	84	83	83	84	84	86	86	82	81	78	87	85	76	74	81	85	86	82.4
	MIN	54	62	62	62	62	62	61	57	61	58	66	51	51	53	54	62	58	58	58	58	65	65	62	48	62	62	61	51	53	64	58	58.7
WEST LIBERTY	MAX	75	78	80	82	84	77	80	81	85	87	88	81	82	83	84	86	82	85	82	85	89	87	84	83	81	86	78	80	81	84	86	82.8
	MIN	60	63	65	69	65	65	66	60	60	62	64	56	55	55	56	57	60	60	65	62	62	65	65	51	51	53	61	54	54	55	58	59.8
WILLIAMSBURG 1 E	MAX	76	80	82	85	85	83	83	85	85	84	85	84	85	84	81	86	85	82	86	87	85	84	83	83	86	84	85	83	84	84	86	83.9
	MIN	61	64	67	67	67	66	65	66	65	63	69	68	58	59	57	61	68	63	65	64	65	66	66	65	55	59	69	57	56	59	60	63.2

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN																																		
	4	MAX	78	79	74	74	75	75	78	79	80	80	81	79	79	80	80	81	80	81	80	80	81	81	80	81	81	80	79	78	76	77	79	78.9
		MIN	71	72	73	73	73	73	73	72	75	76	76	74	73	73	74	76	75	76	75	75	76	77	75	75	75	76	74	71	70	71	74	73.9
	20	5PM	74	74	74	74	74	74	74	74	74	75	75	75	75	75	75	75	75	75	75	75	75	76	76	76	75	76	76	75	74	74	74	74.8
BEREA COLLEGE																																		
	4	MAX	80	80	81	80	78	77	78	80	80	80	81	79	80	80	81	80	80	80	78	80	80	78	78	79	80	79	78	80	77	78	77	79.3
		MIN	78	79	80	75	77	76	75	75	78	76	78	75	75	75	79	78	79	78	76	76	77	76	76	75	75	76	75	74	73	74	75	76.3
	20	5PM	76	78	76	76	76	76	76	76	77	77	77	77	77	77	77	77	77	77	77	78	77	77	77	77	77	78	77	77	77	76	77	76.8
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	78	76	75	79	76	78	79	80	82	82	79	80	80	75	80	80	80	80	80	80	80	78	80	81	81	80	80	77	76	78	80	79.0
		MIN	76	74	74	75	75	75	75	75	77	76	78	75	74	73	75	75	75	75	75	75	75	76	76	75	75	76	77	75	70	75	75	75.1
	20	6PM	74	74	74	74	74	74	74	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	74	74.7
CUMBERLAND GAP PARK																																		
	4	MAX	74	74	76	76	79	79	79	80	80	80	80	81	80	79	78	80	78	77	78	79	79	79	76	77	78	78	77	77	75	76	77	77.9
		MIN	72	72	73	74	75	75	75	75	76	76	77	75	75	75	74	75	74	74	73	74	74	74	73	73	72	73	75	72	71	72	73	73.9
	20	5PM	73	73	74	73	74	74	75	75	75	75	75	75	75	75	75	75	75	74	74	74	74	75	74	74	74	74	74	74	74	73	73	74.2
FLEMINGSBURG 1 SW																																		
	4	MAX	77	76	77	76	76	76	77	78	77	78	77	76	75	75	75	74	74	78	78	79	80	79	79	80	79	78	75	76	75	77	77	76.9
		MIN	71	73	74	75	73	73	73	72	73	74	75	72	70	71	70	71	71	71	73	73	74	74	73	70	71	71	70	68	68	70	71	71.9
	20	6PM	71	71	71	71	71	71	71	71	71	71	71	71	71	70	70	70	70	70	70	71	71	71	72	71	71	71	71	71	70	70	70	70.7
GLASGOW WKAY																																		
	4	MAX	76	76	75	76	76	76	76	78	78	79	79	77	76	76	77	77	78	78	77	78	78	78	78	78	79	79	77	77	76	76	77	77.2
		MIN	74	74	74	74	75	75	75	76	75	77	76	74	72	72	73	75	75	75	74	75	76	75	75	75	75	76	74	73	72	72	74	74.4
	20	6PM	73	73	73	73	73	73	73	74	74	74	74	74	74	74	73	74	73	73	73	73	73	74	74	74	74	74	74	74	73	73	73	73.5
GREENVILLE 2 W																																		
	4	MAX	79	81	78	79	80	79	82	84	85	84	85	84	86	84	85	85	83	83	84	83	83	83	82	82	83	82	83	82	86	81	-	82.7
		MIN	74	77	76	77	77	77	76	78	78	78	78	77	77	76	78	78	79	78	79	74	79	79	77	78	79	78	78	76	74	75	-	77.2
	20	5PM	74	73	74	74	74	74	74	74	75	75	75	75	75	75	76	76	75	75	75	75	76	76	75	76	75	76	76	75	75	75	-	74.9
HENDERSON 7 SSW																																		
	4	MAX	73	73	73	74	74	74	76	78	79	80	80	80	80	78	79	79	79	79	78	78	78	79	78	79	79	80	80	78	77	77	78	77.6
		MIN	71	72	73	73	74	74	74	75	77	77	79	76	75	75	76	77	76	76	76	76	76	77	76	77	77	77	77	75	74	74	76	75.4
	20	6PM	71	71	71	72	72	72	72	72	73	73	73	73	73	72	72	72	73	73	73	73	73	74	73	74	74	74	74	74	73	73	73	72.7
IRVINGTON																																		
	4	MAX	71	72	72	73	72	74	75	80	81	82	82	81	80	79	79	80	80	79	79	79	79	79	79	79	78	79	80	76	75	75	76	77.6
		MIN	67	69	71	71	71	71	72	73	75	77	77	73	71	71	72	74	74	73	73	73	73	74	74	74	73	74	74	70	70	70	72	72.5
	20	4PM	69	68	69	69	69	69	69	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	72	71	70	70	70	70.4
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	88	85	83	89	80	81	95	92	91	96	89	99	101	102	98	96	98	91	99	102	100	89	100	100	96	87	95	91	97	99	97	93.7
		MIN	60	65	69	70	67	65	65	64	68	70	67	60	60	63	63	68	66	69	67	68	70	70	68	60	64	68	63	61	59	63	71	65.5
	2	MAX	84	81	81	84	78	80	89	88	86	92	86	93	95	96	95	92	93	91	94	96	94	87	95	95	91	85	91	86	92	94	93	89.6
		MIN	63	67	70	71	68	67	66	66	68	71	71	63	63	65	61	71	69	71	70	70	72	72	70	64	67	70	66	63	62	65	72	67.5
	4	MAX	80	77	78	80	76	77	82	82	89	85	81	86	88	89	88	85	87	85	87	89	88	82	88	87	87	82	85	80	85	87	86	84.1
		MIN	66	69	71	72	70	69	68	68	71	73	74	67	67	69	69	73	71	73	72	73	74	75	72	68	70	72	68	67	65	68	74	70.3
	8	MAX	77	76	76	77	75	75	79	80	81	82	79	82	83	84	83	83	83	82	84	85	85	81	84	84	83	80	81	77	81	83	82	80.9
		MIN	67	70	72	73	71	70	70	70	72	74	69	69	70	70	71	74	72	74	73	74	75	76	73	70	72	74	70	69	67	70	75	71.5
(SOD)	1	MAX	77	77	77	78	75	76	79	80	80	81	78	78	79	79	78	78	78	78	79	79	79	77	78	76	77	77	75	74	74	77	78	77.6
		MIN	60	72	73	74	72	72	71	72	73	75	74	71	70	70	70	73	72	73	72	73	73	72	73	69	69	72	70	68	66	68	72	71.1
	2	MAX	77	76	77	77	75	76	78	79	79	80	78	78	78	78	78	77	78	78	79	79	79	76	77	76	77	77	75	74	74	76	78	77.2
		MIN	70	72	73	74	73	72	72	73	73	75	74	71	71	71	73	73	73	73	73	72	73	74	73	72	70	70	72	71	69	67	68	72	71.9
	4	MAX	80	76	76	76	75	75	78	78	79	79	77	77	77	77	77	77	77	77	77	78	78	76	77	76	76	76	75	73	73	75	77	76.6
		MIN	66	73	73	74	73	73	72	73	74	75	75	72	71	72	72	74	73	74	74	74	74	74	73	71	71	72	71	70	68	69	72	72.3
	8	MAX	74	74	75	75	74	74	76	76	76	77	76	76	75	75	75	76	76	75	76	76	76	75	76	75	74	74	74	73	72	73	75	75.0
		MIN	72	73	73	74	73	73	73	73	74	75	75	73	73	73	72	74	74	74	74	74	74	74	73	73	72	72	73	72	69	70	70	72	72.9

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM																																		
	20	7PM	72	72	72	73	73	73	73	73	73	73	73	73	73	72	72	72	72	72	72	73	73	73	73	73	72	72	72	72	71	71	71	72.4
	40	7PM	70	70	70	70	70	70	71	70	70	70	70	71	71	70	70	70	70	70	70	70	70	70	71	71	71	70	70	70	70	70	70	70.2
MAYFIELD RADIO WNGO																																		
	4	MAX	79	82	79	79	80	80	-	81	81	83	85	84	85	85	83	80	85	83	81	81	83	82	81	82	83	83	81	80	80	79	-	81.7
		MIN	78	79	75	76	78	76	-	76	76	81	81	82	82	83	73	78	79	79	77	77	79	77	76	76	77	81	79	78	76	76	-	78.0
	20	5PM	-	77	74	-	-	75	-	-	79	77	77	-	77	77	-	-	-	-	-	-	-	-	77	-	77	77	-	78	77	77	-	-
PRINCETON 1 SE																																		
	4	MAX	76	78	75	77	79	77	79	82	81	81	81	80	79	79	79	80	81	79	81	80	79	79	78	78	78	80	80	78	76	76	78	78.8
		MIN	71	74	74	75	76	75	76	78	80	79	80	76	75	75	76	77	76	76	77	76	76	76	75	77	76	78	77	74	75	74	76	76.0
	20	5PM	72	72	72	72	72	72	73	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	73	73	73.5
QUICKSAND																																		
	4	MAX	75	76	78	78	78	76	77	80	81	81	81	81	84	86	81	81	80	80	80	80	80	80	80	78	79	79	77	78	77	78	79	79.3
		MIN	74	74	75	76	75	74	75	74	76	76	76	75	75	75	76	76	74	74	76	75	76	75	78	73	73	75	74	73	72	72	74	74.7
	20	4PM	74	74	74	75	75	75	74	75	75	75	76	76	75	75	75	75	76	75	75	75	75	75	75	75	75	75	75	75	74	74	74	74.9
SOMERSET 2 N																																		
	1	MAX	77	78	76	79	79	79	81	82	83	82	82	82	82	83	83	80	80	81	81	83	82	82	80	83	81	82	82	81	79	81	80	80.8
		MIN	72	73	73	73	75	75	74	75	75	76	76	74	73	74	74	75	75	75	75	75	75	75	75	75	73	74	74	72	71	72	74	74.1
	4	MAX	76	76	75	77	75	78	79	80	80	81	80	80	80	80	81	80	81	80	80	80	81	82	78	85	79	79	78	77	77	77	78	79.0
		MIN	72	73	73	73	72	75	74	74	75	76	76	74	73	74	74	75	75	75	75	75	75	76	74	73	72	73	73	70	71	71	73	73.7
	20	6PM	75	75	75	75	75	75	76	76	76	77	77	77	76	76	77	76	76	76	76	76	77	77	76	77	76	77	76	76	76	76	75	76.0
WILLIAMSTOWN 3 NW																																		
	4	MAX	75	74	74	74	73	75	76	79	78	79	78	78	78	78	77	77	77	77	77	76	76	76	75	75	75	74	73	74	72	73	74	75.7
		MIN	70	72	74	73	68	72	72	76	73	75	75	72	72	72	73	74	73	73	73	73	74	74	73	71	72	71	71	71	70	70	72	72.4
	20	6PM	69	69	70	70	70	69	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	69	69	69	69.8

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.19	.22	.06	.08	.11	.05	.07	.15	.10	.22	.21	.21	.22	.21	.23	.23	.18	.22	.19	.22	.25	.21	.11	.14	.14	.29	.23	.21	.17	.23	.21	5.56
	WIND	18	18	20	10	34	23	11	17	16	25	54	14	23	18	15	15	23	20	17	44	49	72	35	16	16	50	24	16	20	36	25	794
	MAX	81	93	84	88	85	75	85	94	96	95	97	96	95	96	95	94	93	94	93	92	93	92	92	94	93	94	94	91	87	89	92	91.4
	MIN	57	60	66	69	68	68	69	69	72	71	71	65	62	61	64	71	68	68	69	68	67	68	68	67	70	67	65	62	61	62	63	66.3
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.15	.22	.13	.07	.03	.12	.16	.13	.22	.19	.16	.22	.24	.22	.22	.22	.22	.19	.10	.22	.26	.27	.06	.22	.10	.23	.16	.24	.22	.25	.09	5.53
	WIND	21	22	14	11	21	9	10	10	11	13	45	30	25	19	20	15	17	15	20	35	48	49	27	18	17	40	33	30	20	22	26	713
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.13	.15	.05	.02	.26	.03	.10	*	.40	.17	.23	.07	.21	.27	.15	.27	*	.50	.11	.14	*	*	.60	.20	.20	.20	.17	.20	.23	.10	.30	5.46
	WIND	24	16	7	6	51	54	25	•	23	6	24	37	28	20	15	23	*	116	13	19	43	26	21	38	30	28	28	43	35	16	11	826
	MAX	85	89	81	80	87	78	86	-	94	93	98	84	94	95	95	95	-	88	83	93	91	-	95	89	90	91	85	75	83	89	90	88.4
	MIN	64	64	70	70	67	67	67	-	68	72	72	63	64	64	65	67	-	66	69	69	70	-	70	62	61	63	65	60	62	60	61	65.8
* * * EASTERN 04																																	
BUCKHORN	EVAP	.09	.05	.02	.13	.17	.05	.10	.10	.17	.20	.23	.10	.22	.19	.17	.19	.15	.14	.12	.20	.08	.21	.02	.12	.22	.17	.04	.17	.18	.15	.15	4.30
	WIND	3	2	4	12	18	8	4	6	6	4	16	24	11	8	8	8	13	10	6	15	19	20	12	10	11	14	10	17	9	11	8	327
	MAX	94	83	85	90	88	82	91	103	96	97	103	95	94	106	104	95	91	100	100	96	105	103	79	87	103	103	91	98	97	91	92	94.9
	MIN	61	68	71	71	72	71	70	72	72	72	73	68	68	67	67	69	70	70	70	70	71	70	70	67	66	64	70	65	64	63	66	68.6

STATION INDEX

KENTUCKY
AUGUST 1971

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	956		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. DUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	JAUNITA E HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALHAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIM
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAN
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAN
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.H. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN HULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	5P	5P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA V HORNE
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			CLAY B DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			V O SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. M. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	INACTIVE 4/1/71
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
SEPTEMBER 1971
Volume 66 No. 9

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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
* * *																							
WESTERN 01																							
BARDWELL 4 E	82.8	62.2	72.5		91	30	43	21	18	3	0	0	0	3.28		1.11	3	.0	0		6	3	1
BEAVER DAM	82.9	61.7	72.3		90	30+	43	21	12	4	0	0	0	4.01		2.15	6	.0	0		4	2	1
FORDS FERRY DAM 50	82.4	63.5	73.0		91	14	50	21	16	1	0	0	0	4.62	1.59	2.27	1	.0	0		5	3	1
GILBERTSVILLE KY DAM	85.4	64.1	74.8		93	9	49	21	6	8	0	0	0	2.85		1.22	20	.0	0		5	2	1
GOLDEN POND 8 N	82.1	63.2	72.7		90	15	50	21	12	1	0	0	0	2.90		1.01	19	.0	0		7	2	1
GREENVILLE 2 W	82.8	61.5	72.2	2.1	90	9	45	21	12	1	0	0	0	4.81	1.87	2.10	6	.0	0		7	3	2
HENDERSON 7 SSW	82.3	63.0	72.7	2.0	90	30+	48	22+	17	4	0	0	0	8.72	5.74	4.00	7	.0	0		8	5	4
HICKMAN 1 E	83.7	62.7	73.2		91	30	44	21	14	4	0	0	0	3.45		.87	2	.0	0		5	4	0
HOPKINSVILLE	83.8	61.8	72.8	1.6	93	15	49	22+	11	5	0	0	0	3.67	.67	.94	20	.0	0		9	3	0
LOVELACEVILLE	84.0	61.1	72.6	1.2	93	30+	43	21	19	10	0	0	0	3.47	.39	.86	6	.0	0		8	2	0
MADISONVILLE 1 SE	84.5	59.9	72.2		91	14+	41	21	17	7	0	0	0	3.36		.98	20	.0	0		6	3	0
MAYFIELD RADIO WNGO	83.6M	62.0M	72.8M		92	30	44	21	17		0	0	0	5.83		2.01	7	.0	0		6	4	2
MURRAY	82.9	63.4	73.2	1.7	89	30+	48	21	7	0	0	0	0	5.12	2.03	1.09	20	.0	0		8	4	3
OWENSBORO 2 W	83.7	62.2	73.0	2.8	93	9	43	21	10	9	0	0	0	6.91	3.86	2.30	11	.0	0		9	5	3
PADUCAH FAA AIRPORT	81.6	63.2	72.4		90	14	47	22+	20	1	0	0	0	3.95		1.32	16	.0	0		6	2	2
PADUCAH SEWAGE PLANT	82.8	61.8	72.3		91	15	48	22+	20	3	0	0	0	5.12	2.00	2.00	7	.0	0		7	3	2
PRINCETON 1 SE	83.5	62.2	72.9	1.9	91	14	46	21	12	2	0	0	0	3.14	.25	1.32	20	.0	0		4	3	1
ROCHESTER LOCK 3	80.0	61.2	70.6		88	11	49	22+	20	0	0	0	0	4.52		1.83	7	.0	0		9	2	2
RUSSELLVILLE	82.1	61.9	72.0	1.5	89	30+	49	22	12	0	0	0	0	4.11	.70	1.70	26	.0	0		5	3	2
DIVISION			72.6	1.8										4.41	1.35			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN	82.4	61.1	71.8		91	9	47	22	10	3	0	0	0	2.88		.80	26	.0	0		8	2	0
BARREN RIVER RESERVOIR	83.6	63.0	73.3		93	11	52	22+	5	8	0	0	0	1.76		1.28	26	.0	0		2	1	1
BERNHEIM FOREST	83.3	61.4	72.4		91	10	46	21	12	5	0	0	0	2.32		.87	20	.0	0		6	1	0
BOWLING GREEN FAA AP	83.0	62.7	72.9	1.5	91	29	51	22	3	3	0	0	0	1.71	- 1.36	.81	25	.0	0		4	1	0
BRADFORDSVILLE	83.0	60.4	71.7		93	10	46	25	16	6	0	0	0	3.81		2.65	26	.0	0		3	2	1
CAMPBELLSVILLE 2 SSW	82.8	62.5	72.7		90	28+	51	22	2	2	0	0	0	5.26		2.50	26	.0	0		6	3	2
CECILIA	82.0	60.3	71.2	1.9	90	5	47	25+	14	1	0	0	0	2.57	- .17	.73	20	.0	0		7	2	0
GLASGOW WKAY	81.7	61.9	71.8		89	10+	52	22+	5	0	0	0	0	2.70		1.52	26	.0	0		7	1	1
GREENSBURG	84.4	61.7	73.1	3.4	93	11+	51	25	1	8	0	0	0	2.67	- .51	1.76	26	.0	0		4	1	1
HODGENVILLE-LINCOLN NP	82.7	60.6	71.7		89	30+	50	22	7	0	0	0	0	2.56		1.05	26	.0	0		5	2	1
IRVINGTON	81.7	60.9	71.3	1.2	89	30+	45	21	20	0	0	0	0	6.29	3.45	3.09	6	.0	0		4	2	2
JAMESTOWN 8 SSW		63.8	M				53	21			0	0	0	2.17		.80	26	.0	0		5	2	0
LEITCHFIELD 2 N	82.2	61.2	71.7	1.3	91	10	48	21	10	2	0	0	0	5.87	2.90	2.15	7	.0	0		5	3	3
LOUISVILLE	82.9	64.7	73.8		92	29	50	21	7	5	0	0	0	3.30		1.03	11	.0	0		5	3	1
LOUISVILLE WSO R	80.9	63.5	72.2	2.7	89	30+	49	21	13	0	0	0	0	4.72	2.09	1.73	11	.0	0		6	3	2
MAMMOTH CAVE PARK	82.8	60.1	71.5		89	29	46	22	9	0	0	0	0	3.11		1.14	11	.0	0		6	3	1
NOLIN RIVER RESERVOIR	82.3	60.0	71.2		91	30+	48	23+	15	4	0	0	0	3.83		1.06	12	.0	0		6	3	1
ROUGH RIVER DAM	81.9M	59.8	70.9M		90	11+	43	21	26	2	0	0	0	4.04		2.27	7	.0	0		6	2	1
SCOTTSVILLE 3 SSW	82.7	63.6	73.2		90	15	53	21	0	1	0	0	0	2.29		1.63	26	.0	0		4	1	1
SUMMER SHADE	80.4	61.9	71.2		87	30+	53	22	3	0	0	0	0	4.13		1.60	6	.0	0		6	4	1
DIVISION			72.1	2.1										3.40	.37			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	81.8	63.4	72.6	2.8	89	10+	51	25	3	0	0	0	0	3.22	.40	1.75	26	.0	0		9	1	1
CARROLLTON LOCK 1	79.5	61.7	70.6		87	30+	45	24	25	0	0	0	0	4.88	2.05	.96	3	.0	0		8	6	0
COVINGTON WSO R	78.5	62.0	70.3	3.1	89	1	45	21	31	0	0	0	0	6.56	3.73	1.59	20	.0	0		9	6	2
CYNTHIANA 2	80.4	59.6	70.0		90	11	46	25+	31	1	0	0	0	3.66		.90	12	.0	0		6	5	0
DANVILLE	81.7	61.1	71.4		91	11+	51	26+	8	3	0	0	0	2.98	- .09	1.34	27	.0	0		4	2	1
DIX DAM	82.7	62.4	72.6		91	6	51	22	7	4	0	0	0	2.26		1.02	26	.0	0		2	2	1
FALMOUTH 5 WNW	80.6	57.8	69.2		90	29	40	21	34	1	0	0	0	5.97	3.06	2.52	3	.0	0		8	3	2
FARMERS 1 WNW	80.9	61.4	71.2	3.1	89	10+	48	25	9	0	0	0	0	5.48	2.40	1.96	3	.0	0		7	4	2
FLEMINGSBURG 1 SW	79.0	59.9	69.5		87	29+	47	25	20	0	0	0	0	6.59		2.84	2	.0	0		6	3	3
FRANKFORT LOCK 4	81.1M	60.4M	70.8M	1.3	91	11+	49	23+	17	4	0	0	0	7.42	4.71	1.42	27	.0	0		9	8	2
LEXINGTON WSO R	81.7	63.3	72.5	3.2	91	10+	50	22	8	7	0	0	0	3.51	.71	1.23	26	.0	0		7	3	1
MAYSVILLE SEWAGE PLANT	79.4	59.5	69.5	1.4	89	30+	45	26+	35	0	0	0	0	4.81	1.69	2.37	3	.0	0		7	2	1
MOUNT STERLING	79.2	62.3	70.8		86	30+	50	25	12	0	0	0	0	5.61	2.63	1.59	26	.0	0		7	4	2
OWENTON	78.7	61.9	70.3		89	10	48	25+	29	0	0	0	0	4.46		1.36	3	.0	0		7	3	2
RICHMOND	81.3	61.4	71.4		91	11	50	25	12	3	0	0	0	2.39		.60	12	.0	0		7	1	0
SHELBYVILLE	79.9	60.7	70.3	.6	89	11+	46	21	22	0	0	0	0	3.64	.69	1.06	26	.0	0		8	3	1
WARSAW MARKLAND DAM	79.6	60.5	70.1	1.2	89	11	44	24	30	0	0	0	0	7.63	4.76	3.88	3	.0	0		9	3	2
WAYNESBURG 7 NE	80.5	59.4	70.0		88	30+	49	25+	14	0	0	0	0	6.20		2.52	26	.0	0		6	5	2
WILLIAMSTOWN 3 NW	79.6	61.4	70.5	1.0	88	30+	46	21	19	0	0	0	0	3.10	- .01	.70	2	.0	0		7	3	0
DIVISION			70.7	1.3										4.76	1.82			.0					
* * *																							
EASTERN 04																							
ASHLAND	79.9	59.8	69.9	.0	89	29+	45	25	21	0	0	0	0	2.68	- .13	.74	13	.0	0		5	4	0
BARBOURVILLE	82.2	61.4	71.8		91	11+	53	15	4	4	0	0	0	3.40		1.60	8	.0	0		5	2	1
BAXTER	80.6	61.2	70.9		90	16	55	15+	3	1	0	0	0	5.16		1.52	26	.0	0		10	3	2
BLAINE	80.6	58.6	69.6		89	11+	46	26+	18	0	0	0	0	4.23		1.63	3	.0	0		8	3	1
CUMBERLAND	81.3	58.7	70.0		89	8	50	14	4	0	0	0	0	5.30		1.19	26	.0	0		11	4	3

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 122

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
DEWEY DAM																							
GRAYSON 5 SE	80.4	57.7	69.1		91	2	43	26+	29	2	0	0	0	3.92		1.61	3	.0	0		6	3	1
HEIDELBERG LOCK 14	81.8	62.1	72.0		88	7+	51	25+	3	0	0	0	0	3.15	.37	1.11	26	.0	0		9	2	1
HINDMAN 11 NNE	81.3	61.2	71.3		88	27+	56	19+	0	0	0	0	0	7.74		1.78	23	.0	0				2
HYDEN	80.0M	59.7M	69.9M				54	25+			0	0	0	5.43				.0	0				
JACKSON	83.2	62.1	72.7		93	16+	54	26+	5	12	0	0	0	5.43		1.15	17	.0	0		9	5	2
LONDON FAA AP	79.7	60.7	70.2		88	10+	50	14	9	0	0	0	0	4.04		1.37	26	.0	0		6	4	2
MANCHESTER 4 SE	81.3	60.9	71.1		89	6	52	25	3	0	0	0	0	6.43		2.05	26	.0	0		9	4	2
MC KEE	79.8	58.0	68.9		88	16+	47	25	20	0	0	0	0	4.46		1.45	26	.0	0		7	2	2
MIDDLESBORO	81.4	60.1	70.8		89	11+	53	15+	2	0	0	0	0	2.51		1.08	8	.0	0		6	2	1
MONTICELLO	81.9	61.9	71.9		92	10	52	14	3	2	0	0	0	2.77		1.17	13	.0	0		7	2	1
MOUNT VERNON	82.3	61.2	71.8		89	30+	52	25	2	0	0	0	0	6.54		2.66	26	.0	0		9	4	2
PIKEVILLE	82.5	63.4	73.0		93	15	55	25	0	7	0	0	0	6.45	3.41	1.54	13	.0	0		9	6	2
SOMERSET 2 N	80.7	61.2	71.0		88	5+	51	14	6	0	0	0	0	3.18		.92	26	.0	0		7	3	0
STEARNS 1 W	80.0	59.5	69.8		89	5	51	13	8	0	0	0	0	5.94		1.43	7	.0	0		10	4	2
TOMAHAWK 1 WSW	79.4M	59.5	69.5M		89	11+	51	26	17	0	0	0	0	6.90		1.80	13	.0	0		10	5	3
VANCEBURG	80.3	58.9	69.6		89	10	43	25	16	0	0	0	0	3.55	.85	1.41	2	.0	0		8	3	1
WEST LIBERTY	79.9	59.1	69.5		89	11+	48	26+	21	0	0	0	0	5.87		2.14	3	.0	0		10	3	2
WILLIAMSBURG 1 E	81.4	61.8	71.6	1.4	89	15	54	14	1	0	0	0	0					.0	0				
DIVISION			70.7	1.3										4.78	1.97			.0					

EXTREMES

HIGHEST TEMPERATURE 9 STATIONS	93	DATE	30+
LOWEST TEMPERATURE FALMOUTH 5 WNW	40	DATE	21
GREATEST TOTAL PRECIPITATION HENDERSON 7 SSW	8.72		
LEAST TOTAL PRECIPITATION BROWNSVILLE	1.64		
GREATEST 1 DAY PRECIPITATION HENDERSON 7 SSW	4.00	DATE	07

SPECIAL WEATHER SUMMARY

There were several mild-to-warm and humid days, but then toward the end of the month in some sections one or more days with early morning readings in the forties. Rainfall ranged from heavy to moderate to light, depending on location. At Henderson, the total of almost 9 inches was the greatest September rainfall there since 1932; the 24-hour rainfall on the 6th and 7th of 5.03 inches was one of the greater 24-hour totals of record for that location. In contrast, several locations in the south-central section reported monthly totals of less than 2 inches. On the 6th, four persons were killed when lightning struck a tobacco barn in Monroe County in south-central Kentucky. Hail was reported to have damaged tobacco crops in scattered locations.

For further details for these and other events, see the accompanying tables and this month's issue of "STORM DATA."

A. B. Elam, Jr.
Climatologist for Kentucky
Room 205, Agricultural Experiment Sta.
University of Kentucky
Lexington, Kentucky 40506

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	3.28		.06	1.11	.03		T	.55				.11					.74			.06	.32		T	.05		.25						
BEAVER DAM	4.01		.02				2.15	.49				.06									.81			.03			.45					
CALHOUN LOCK 2	6.29	.03	.02	.07				3.12					.19				.16	.31			1.10	T		.02			1.21	.06				
COBB	3.41	.15						1.98					T				.40				.78						.10					
DAWSON SPRINGS	2.30		.30	T	.04		.12	T									.10				1.19	.03					.52					
DUNDEE	-	.24		-				.30					.50					.17			1.15			-			-					
DUNMOR	4.59		.26					1.22	.35				.02								1.30	.10		.38			.94	.02				
ELKTON 2 S	3.89		.31	.20	.11		.11	1.30	.06												.75	.03		.06	.09		.87					
FORDS FERRY DAM 50	4.62	2.27	T	.08	.08			.70			.02		.22								.95	T		T			.30					
FRANKLIN 1 E	2.17		.04					.48													.14						1.51					
GILBERTSVILLE KY DAM	2.85	T		.12				.69									.45			T	1.22	T		.01			.36					
GOLDEN POND 8 N	2.90	T		T	.22			.65					.35				.33			1.01			.02	.11			.21					
GREENVILLE 2 W	4.81		.11	.09			2.10	.30				.47									1.10			.10			.54					
HARTFORD 6 NW	7.10	.08	.39	.02				3.13					.15				.34	.54			.99	.02		.02	T		.92	.50				
HENDERSON 7 SSW	8.72	.22	T	.01			1.03	4.00				1.06								.84	1.04					.40	.12					
HICKMAN 1 E	3.45		.87	.74	.02			T									.04			T	.58		T	.07		.86	.27					
HOPKINSVILLE	3.67	.13	.47	.63	.19			.45													.94	.03		.14	.19		.50					
LOVELACEVILLE	3.47		.15	.36		.05	.86	.85									.40			.10	.45			.03		.22						
MADISONVILLE 1 SE	3.36	.03	.12					.63				.05	.96				.18				.98			.03			.38					
MAYFIELD RADIO WNGO	5.83	.27	.18	.81				2.01									.60				1.91			.05			T					
MURRAY	5.12	.02	.39	1.06		.68	.03	.17				.05					.25				1.09		.04	.27		1.07						
OWENSBORO 2 W	6.91	.35		.30			.52	1.03				2.30	.21					.60			1.30			.05			.25					
OWENSBORO DAM 46	6.62	.32	.01	.10			.31	1.20				1.82	1.03				.03	.18			1.30	.07		.02			.23					
PADUCAH FAA AIRPORT	3.95	.02	.08	.29			.09	1.29				T					1.32			.41	.21	.01	T	T		.23						
PADUCAH SEWAGE PLANT	5.12	1.31	.02	.53	.37			2.00	.02				T				T	.14			.45			.03			.25	T				
PARADISE STEAM PLANT R	3.77	.11	.15	.25	.02			1.46	.20				.25				.21	T			.78	.05		T	.03		.26					
PRINCETON 1 SE	3.14			.05			T	.63				.09					.27				1.32			.03			.75					
ROCHESTER LOCK 3	4.52	.34	.09	.02	.02		.13	1.83	.13				.23				.10	.02			1.05	.02		.26	.03		.25					
RUSSELLVILLE	4.11		.35	.05			.25	1.00	.06								.02				.61	.02	.05				1.70					
SEBREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UNIONTOWN DAM 49 //	4.43	.17		.10				1.82				.46	.48								1.26	.02		T			.12					
* * * CENTRAL 02																																
ADDISON DAM 45 //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ALBANY 4 N	2.00							.33					.87									.22			.11		.47					
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARDSTOWN	2.88		.20	.15			.09					.70	.05	.22			.03	.31			.13			.20			.80					
BARREN RIVER RESERVOIR	1.76	.06	T	.21			T	.09	.02	T			T								.07	.03			T		1.28	T				
BERNHEIM FOREST	2.32		.05	.14	T		.36	.19				.17	T	.03			T	.03			.87			.07			.41					
BOWLING GREEN	1.88	.19	.10	.05				.31	.08												.15			T			1.00					
BOWLING GREEN FAA AP	1.71	T	.05				.04	.15		T						T				T	.16		T	.01		.81	.49					
BRADFORDSVILLE	3.81		.07	.08				.05				.78						.11			.07						2.65					
BROWNSVILLE	1.64	T	T	.03	.01			.27	.25				.23					.04			.26	T		T	.02		.53					
BURKESVILLE 2 W	-							.34					-								*	*	*	.86	T		.47					
CAMPBELLSVILLE 2 SSW	5.26	.32	T	T			1.64					.53	T					.16			.11						2.50					
CANEYVILLE	4.57	.17						1.90					.34				.07				1.21			.21			.67					
CECILIA	2.57	.15	.34	.08			.56	.20				.34					.02				.73			.15								
EDMONTON	2.14			.45				.40					.2									.14					.95					
GAMALIEL 1 S	3.87		T	.70	.11			.48					.45	T							T	.12		.33	T		1.60	.08				
GLASGOW	2.38		.08	.04				.07				.07	.32					T			.26			.02			1.52					
GLASGOW WKAY	2.70	.02	.01			.10	.10	T				.32	.20				.02			.26	.15			T			1.52					
GLENDALE 1 E	4.98		.10		.45		.43	.32					.55				.04	1.16			.33			.27	.07		1.26					
GREENSBURG	2.67		.05	.04				.14					.41	.03							.15	.09					1.76					
GREENSBURG HIWAY 61	2.31		.02	T	T			.21					.46	.07							.02	.04		T			1.49					
HODGENVILLE-LINCOLN NP	2.56	T	.05	.18			.05	.09				.79	.12					.01			.17			.05			1.05					
IRVINGTON	6.29			.01	.09		3.09	2.33				.33						T						.02			.42					
JAMESTOWN 8 SSW	2.17							.45					.17									.19		.56			.80					
LEITCHFIELD 2 N	5.87	.06	.05	.09	T	T		2.15	.08				.07				T	.02			1.15	.42		.10	.06		1.62	T				
LIBERTY	2.60				.05				.07				.22				.03					.16					2.07					
LOUISVILLE	3.30		.58	T	T		.48	T				1.03	T					.07			.90						.19	.05				
LOUISVILLE WSO R	4.72	.02	.21	T			1.36					1.73	T				.09			T	.95		T	T		.21	.15					
LOUISVILLE UPPER GAGE	5.15	.20	.01	1.21				.32	.02			1.50	.36								.50	.38		T			.25	.40				
MAMMOTH CAVE PARK	3.11	T	.50	.20	T		T	.25				1.14						T			.16			.02			.84					
MILLERSTOWN	3.54	T	T	.06	.11			.71	.02				.85				T	.25			.28	.01		.15	T		1.10					
MUNFORDVILLE	3.03	.02	.03	.50	.10			.01					.40					.68		T	.09	.01					1.19					
NOLIN RIVER RESERVOIR	3.83	T	.01	T	.06			.95	.60				1.05					.28			.33	.02		.04			.47	.01				
ROUGH RIVER DAM	4.04	T	T	.15			.02	2.27	.16				.10				T				.77	T		.02			.48	.07			T	
SCOTTSVILLE 3 SSW	2.29		.15			.07	.12	.18													.09			.05			1.63					
SCOTTSVILLE 2 SW	2.00		T	.10			T	.27										.03			.05				.05		1.50					
SHEPHERDSVILLE	3.12		.15	.16	T			.94					.57	.07							.73	.34		T	T		.14		T			
SUMMER SHADE	4.13		.80				1.60					.60									.16			.11			.86					
WOODBURY LOCK 4	3.99	.07	.08	T				1.39	.15				T				.39	.06			1.17	.01		.17	.10		.40					
* * * BLUE GRASS 03																																
BEREA COLLEGE	3.22				.10			.21				.32	.22	.10			.31	.10			.11						1.75					
BEREA	3.12	.25		.04	.17			.05	T				.20	.11	T		.47			.05	T	.07		.05	.06		.75	.85				
CARROLLTON LOCK 1	4.88		.12	.96	.03			.50				T	.55					.35			.85	.85			T		.67		T			
COVINGTON WSO R	6.56	.71	.84	1.16	.35		.57					.76	.11				.04			T	1.59			T		.33	.07	.03				
CYNTHIANA	3.81			.56	.48	T		.56					.82	.37			.13	.02		.03	.02	.05		T			.77					
CYNTHIANA 2	3.66		.02	.60				.53					.90	.63			.13				.06	.06		T			.73					
DANVILLE	2.98		.02		.09				.21				.73	.04				.06		.01		.07					.41	1.34				
DIX DAM	2.26		.03	.06	T				.06				.97					.07			T	.05					1.02					
FALMOUTH 5 WNW	5.97		.02	2.52	.17	.05		.25					1.62	.02			.31	.18			.03	.15		T	.02		.55		.08			
FARMERS 1 WNW	5.48		T	1.96	.07			T	T				.58	.37			T	1.76		.10		.10			T		.50	.04				
FLEMINGSBURG	6.26		.03	2.64	.07	T		.34					1.41	.19			.15	.31		.02		.09			T		.91	.08	.02			
FLEMINGSBURG 1 SW	6.59		2.84	.11	T		.31	.03				1.45	.08	.07			.45	.09	T	T	.08			.02			1.03	.03				
FORD LOCK 10	2.73		.03	.06	.18			T					.64	.18					T	T	T	T					1.08	.56				
FRANKFORT LOCK 4	7.42	.02	.50	1.38	.73			.79					.95	.08			.55	.11			.06	.05		.04	T		.74	1.42				
GEORGETOWN WATER WORKS	5.19		.70	1.48	1.10								.90														1.01					
GEST LOCK 3	4.02	T	.28	1.87	.04			.08					.95	.10			.10	T			.10	.15		T	T		.30	T	.05			
HIGH BRIDGE LOCK 7	2.34	T		.09	T			T	.66				.59	.26							T	.13					.49	.12				
KEENE 1 SSW	4.38	.16	T	T									1.61	.34				.16									1.75	.36				
LA GRANGE 1 ESE	3.60		.25	.02	T		.40	.02				.64	.05				T	.20			1.56						.44	.02				
LANCASTER	4.44		.06					.57					*	1.55				.21				.14					*	1.91				
LEXINGTON WSO R	3.51		.19	.03	T		.40	T				.57	.21				.05	T	T		.10		T	.01		.72	1.23					
LITTLE HICKMAN LOCK 8	3.29	.22											1.28	.25				.10		T		.04					.31	1.09				
LOCKPORT LOCK 2	3.43	.05	.53	.58	.04	T		.08					.57	.15			.20	.29			.17	.22		T			.55					
MAYSVILLE SEWAGE PLANT	4.81		T	2.37	.32	.04		.15					.24	.07			.35	.43		.06	.03	.08		T			.57	.05	.05			
MIDWAY	5.57	.01		.73	1.16								1.66								.06	.05		.02			1.00	.88	T			
MOUNT STERLING	5.61		.90	.72			.16	.20				.38	.07				1.53		.03		.03			T			1.59					
OWENTON	4.46		.11	1.36	.04			.15					.82	.41			.08	.06		T	.27	.05		T			1.03	.08				
RICHMOND	2.39	.02	.20	.03	.32				T				.60	.04				.43		.08		.10			.02		.30	.25				
SALVISA LOCK 6	4.45		T	T	.77			.10					2.25	.04				.22	.02		T	T		.04	T		.77	.24				
SHELBYVILLE	3.64		.02	.37				.12					.50	.04	T		.28	.06		.01	.20	.25			.01		1.06	.72				
SPRINGFIELD	3.47				.68			.31					.59					.80			T						1.09	T				
TAYLORSVILLE	2.99	.02	.08					.28					1.10	.35			.20	T			T	.28		.06	.04		.48	.10				
TYRONE LOCK 5	6.96	.11	.33	.14	1.23	.02		.09	.08				1.81	.07				.07		T	.05	.04		.04	.05	1.02	1.52	.29	T			
VALLEY VIEW LOCK 9	2.10	T	.03	.05	.23			T	T				.78	.04				.05	T	T	T	.03			T		.62	.27				
WARSAW MARKLAND DAM	7.63		.28	3.88	.26	.04		.24					1.05				.10	.04			.44	.87					.41	T	.02			

See reference notes following Station Index

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	6.20		.28	T	.62							T	.68	T				1.06		.08	T				.96	T	2.52					
WILLIAMSTOWN 3 NW	3.10	T	.70	.38	.01		.01	.01				.48	.15				.50	.01			.28						.50	.07				
* * * EASTERN 04																																
ALLEN	5.95	.10						.70	1.19					T				1.35	T	T	1.00				1.01		.44	.16				
ASHLAND	2.68			.63	.03			.03						.74			.11	.51		.04		.05					.51	.03				
BARBOURVILLE	3.40		.02	T					1.60				.42	.09	T			T	.03			.33			.28		.56	.07				
BAXTER	5.16		.02	T				.11	1.13			.16	.65	.37				.27	.04	.04	.05	.20			.35		1.52	.25				
BLAINE	4.23			1.63					.67					.37				.14		.34		.37			.12		.59					
BUCKHORN	5.03		T	.07				.14	.88				.20	.05	.02			.35	.05	T	.21	.46			1.03		.65	.92	T			
BURDINE 2 NE	6.02							1.05	.15				.10	1.15				2.15				.27			.20			.95				
CLAY CITY 1 WNW	3.91		T	.25	.05			.85	.65				.40	.45				.31				.10					.40	.45				
COLLEGE HILL LOCK 11	3.00		T	.16	.32			T	.03				.42	.74			.03	.42	T	.03		.05			.07		.38	.35				
CUMBERLAND	5.30		T		T	T	.75	.30	T	.23		T	T	1.00		T	.15	1.05	.10	.03		.15		.15	.20		1.19	T	T		T	
CUMBERLAND FALLS ST PK	2.02	.04	T				.08	.24		T		.20					.18	.04	T	.25	.31			.32		.06	.30					
DEWEY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELKHORN CITY	3.40		.03	T				.87						1.49	T				.03	.01		.22				.30	.20	.25				
FISHTRAP RESERVOIR	6.47							.48	.17				T	3.00	.08			1.33	.02	.04		.12			.53		.14	.56				
FREEBURN 2 SW	4.89				.11			T	T					1.90	.06			.84	.21			.34			.98		.27	.18				
FRENCHBURG	6.60	1.00	.75				T	T					1.20	.80				.50		.20	.40	.15					1.20	.40				
GRAYSON 5 SE	3.92		.02	1.61				.35	.17				.06	.15				.53		.09		.05			.03		.75	.04	.07			
GRAYSON RESERVOIR	5.50			1.70				.17	1.85				.05	.15				.67		.11		.08					.62	.10				
HAZARD WATER WORKS	7.80			.02				T	1.55				.04	1.38				1.78		.07	.53	.31			.40		.36	1.36				
HEIDELBERG LOCK 14	3.15	T	T	.11				.11	.22				.20	.06						T	.07	.27		.25	.15	T	1.11	.60				
HINDMAN 11 NNE	7.74		.32	.06				.88					.53	1.25			*	.92	.15	.12	.84	.04		1.78			.85					
HYDEN	5.43	.02		.76				*	*	*	*	*	*	*	2.01			.29	.12		.26	.19			.47		.48	.83				
JACKSON	5.43		.01	.40				1.03					.23	.53	.03			1.15		.03	.01	.33			.56		.90	.22				
JEREMIAH	5.04			.04				.45	T				.12	1.17	T		.81	.90	.03		.22	.05		.23			1.02			T		
LLOYD GREENUP DAM	3.65		T	.60	.05	T		.75	.15				.12	.18			.10	.82		.05		.02			T		.81					
LONDON FAA AP	4.04		T	T			.06	1.02				.64	T				.11	T	T	.03	.19			.53		.09	1.37			T		
LOUISA 2	4.48			.92	.03			.26	.07					1.38				.38		.10	.32	.39			.06	T	.30	.27				
MANCHESTER 4 SE	6.43								1.91				.26				.22	.24			.12	.51			.39		2.05	.73				
MC KEE	4.46	.08						.49	T				.39	.06				1.28			.06	.25	T	.05	.11		1.45	.24				
META	6.53			T				.49	.42					2.00	T		T	.40	T	T	T	.50			2.00		.25	.23	.24			
MIDDLESBORO	2.51			.03				T	1.08	T			.01	.03	T			.20	.19	.01	T	.15			.25		.55	.01				
MONTICELLO	2.77							.07	.13				.32	1.17				.19	T	T		.18			.14		.57					
MOUNT VERNON	6.54		T					.50				.43	.46	.18			1.15	.26	.05		.23			.62			2.66					
ONEIDA	3.61								.45									.11	.70	.35	.30				.40		1.30					
PAINTSVILLE 1 S	6.55			1.26				1.50						1.70				.33	T			.56			.72		.48					
PIKEVILLE	6.45		.07				.75	.99					.27	1.54			.63	.09	.06	.11	.25			1.03			.66					
PINEVILLE 4 NW	2.96		.02	.22				.50	.42				.39	.07				.30	.07	.05		.31			.26		.35					
RAVENNA LOCK 12	4.16			.05				.73	.16				.25	.15				1.40		.05		.13		.20	.06		.92	.06				
SALYERSVILLE 2 SE	6.17			1.26				.50	.24				.92	.72				.49	.37						.89		.68	.10				
SOMERSET 2 N	3.18	.02	.01					.59				.15	.36				.21		T	.01	.35			.56			.92					
STEARNS 1 W	5.94							1.43	1.37				.18	.24				.20	.06		.16	.46		.02	.20		.87	.75				
TILFORD	2.83						.19	.52	T	2.01							.11															
TOMAHAWK 1 WSW	6.90			.63				.02	.30				.08	1.80				1.00	.06	.20	1.40	.41			.54		.10	.36				
VANCEBURG	3.55		1.41	.24	.04		.64					.10	.06				.17	.20		T	.12						.57					
WEST LIBERTY	5.87		T	2.14				.28	.02				.46	.64	T			1.37		.12		.19			.13		.14	.38				
WILLIAMSBURG 1 E	-							-	-				.31				.12	.93	.21		.05	.30			.36		.36	.51				
WILLOW LOCK 13	4.64	.02	T	.04	T			.56	.12		T		.13	.10	T			.48	T	.03	.42	.24		.87	.17	T	.76	.70	T			

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitatian								
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of Possible sunshine	Average sky cover sunrise to sunset
COVINGTON WSO	14	1.3	6.9	29++	30	20	85	90	67	77	2	3	3	4	2	0	14	-	7.0
LEXINGTON WSO	16	1.3	6.6	22++	18	20	84	85	61	71	5	3	4	2	1	0	15	-	7.2
LOUISVILLE WSO	13	1.0	7.0	27	S	28	85	88	63	69	5	2	3	1	2	0	13	52	6.5

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	85	84	83	88	86	89	88	90	89	87	85	80	85	90	83	79	76	82	79	72	70	70	75	75	80	83	84	88	89	91		82.8
	MIN	68	69	69	68	70	71	68	67	66	65	68	59	53	56	66	59	60	59	69	53	43	45	59	53	59	65	65	69	64	61		62.2
BEAVER DAM	MAX	85	84	83	89	90	83	85	86	90	89	87	78	79	86	86	80	79	77	80	78	70	76	74	74	82	84	86	88	90	90		82.9
	MIN	69	69	67	67	67	69	66	63	66	67	62	59	55	56	64	59	62	62	61	55	43	48	61	53	55	65	65	66	65	66		61.7
FORDS FERRY DAM 50	MAX	85	86	82	89	89	89	86	89	88	89	81	78	85	91	81	71	78	79	79	65	70	72	86	72	79	84	83	89	89	89		82.4
	MIN	70	71	70	70	70	69	64	67	68	69	66	60	56	62	68	61	62	61	60	52	50	52	59	54	60	66	65	70	67	67		63.5
GILBERTSVILLE KY DAM	MAX	87	87	88	88	86	89	88	91	93	92	88	83	85	92	92	84	80	83	84	77	73	75	78	78	82	83	85	90	90	91		85.4
	MIN	73	72	73	73	74	75	67	69	67	67	61	55	59	64	68	61	61	59	64	55	49	50	60	53	61	69	60	72	65	67		64.1
GOLDEN POND 8 N	MAX	83	85	86	83	87	85	86	85	88	89	86	82	87	83	90	83	71	79	79	78	60	75	78	76	75	82	83	85	87	87		82.1
	MIN	70	71	70	70	70	72	65	65	68	69	69	63	55	62	67	61	62	60	62	55	50	51	55	55	54	63	62	67	68	66		63.2
GREENVILLE 2 W	MAX	84	85	80	88	89	85	86	88	90	89	88	78	81	89	87	80	80	76	80	77	70	75	75	74	80	81	85	87	88	89		82.8
	MIN	68	69	70	66	68	71	65	64	65	65	61	59	53	57	66	59	60	60	59	55	45	49	60	52	56	64	66	64	65	63		61.5
HENDERSON 7 SSW	MAX	85	85	83	90	89	85	85	88	89	90	82	77	84	89	81	74	79	78	79	67	71	72	78	73	80	84	84	89	90	90		82.3
	MIN	68	70	72	71	71	70	65	68	66	68	63	60	56	60	66	59	59	59	58	55	48	48	59	51	58	68	66	70	71	67		63.0
HICKMAN 1 E	MAX	86	86	85	89	88	89	89	90	89	88	85	80	86	90	82	82	78	83	82	73	72	71	74	77	79	83	84	89	90	91		83.7
	MIN	68	69	70	69	69	71	67	68	66	66	69	60	53	62	68	60	63	59	62	54	44	47	58	53	60	66	65	69	65	62		62.7
HOPKINSVILLE	MAX	84	85	85	87	87	88	84	86	89	89	91	85	80	85	93	90	76	84	77	81	64	75	80	79	78	82	81	87	90	91		83.8
	MIN	69	69	69	68	69	69	64	64	66	68	67	61	55	55	61	62	63	62	62	56	49	49	52	54	54	59	63	64	67	65		61.8
LOVELACEVILLE	MAX	88	85	84	90	88	93	93	92	93	90	83	80	86	90	84	72	71	81	81	67	73	72	77	76	82	86	87	90	92	93		84.0
	MIN	66	70	69	67	68	66	66	65	65	65	67	57	51	55	65	60	59	58	61	52	43	46	57	51	60	65	67	70	62	61		61.1
MADISONVILLE 1 SE	MAX	89	86	81	90	89	84	86	89	90	91	86	82	84	91	90	83	82	79	82	79	71	75	78	75	80	89	85	88	90	90		84.5
	MIN	65	66	67	64	65	70	62	62	63	64	68	57	53	56	65	57	58	55	57	52	41	44	57	49	66	63	63	65	63	61		59.9
MAYFIELD RADIO WNGO	MAX	86	87	85		87	90	86	88	88	86	86		86	90	90	81	75	82	80	72	70	72	73	77		84	85	88	90	92		83.6
	MIN	68	68	70		69	69	65	67	65	65	68		53	58	64	59	61	59	62	54	44	47	58	53		69	64	69	64	63		62.0
MURRAY	MAX	85	87	79	89	87	86	88	87	89	88	82	79	84	89	85	78	80	80	81	75	70	75	77	77	82	81	84	88	87	89		82.9
	MIN	68	69	70	68	69	71	66	67	69	68	67	62	57	62	67	62	63	60	62	55	48	53	59	54	60	65	64	67	66	65		63.4
OWENSBORO 2 W	MAX	84	83	82	90	90	82	86	90	93	91	86	79	83	90	85	78	82	76	80	71	73	76	77	76	80	86	87	90	92	92		83.7
	MIN	69	70	69	69	68	71	65	64	66	66	65	60	55	57	66	60	57	60	59	54	43	55	59	52	57	65	66	67	68	65		62.2
PADUCAH FAA AIRPORT	MAX	85	83	81	86	85	87	86	88	88	88	81	81	85	90	82	71	79	81	78	63	72	71	75	74	79	82	84	87	88	89		81.6
	MIN	70	71	72	71	70	72	67	69	67	68	66	59	56	60	67	60	60	59	58	50	47	47	58	53	58	67	68	72	69	66		63.2
PADUCAH SEWAGE PLANT	MAX	88	87	86	84	89	88	88	87	89	89	89	84	80	86	91	82	72	78	83	80	60	70	72	76	75	80	85	85	90	90		82.8
	MIN	69	70	71	70	70	71	66	65	67	68	69	51	51	56	59	62	61	61	61	55	48	48	51	54	54	63	65	65	67	65		61.8
PRINCETON 1 SE	MAX	86	86	86	88	87	86	85	89	88	89	87	80	84	91	89	82	79	80	79	78	71	73	75	75	80	82	82	88	89	90		83.5
	MIN	69	70	70	69	70	73	65	65	66	65	63	59	51	62	66	59	60	58	60	55	46	48	59	51	58	65	64	68	69	63		62.2
ROCHESTER LOCK 3	MAX	83	81	82	80	87	87	81	82	86	86	88	80	74	80	86	83	75	78	75	79	62	70	71	75	74	80	80	84	86	86		80.0
	MIN	69	69	69	66	68	71	66	64	65	66	66	60	56	56	58	60	59	61	61	57	49	49	50	53	53	57	66	65	64	63		61.2
RUSSELLVILLE	MAX	87	83	81	84	87	89	81	83	88	89	89	81	75	82	89	88	78	80	78	80	63	72	78	75	78	82	80	85	88	89		82.1
	MIN	69	70	69	70	70	71	65	63	64	65	65	59	55	56	63	62	61	62	62	57	50	49	52	55	55	55	66	68	67	62		61.9
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN	MAX	87	83	78	88	89	89	86	88	91	90	86	74	75	87	84	80	77	74	79	76	70	76	75	73	80	84	86	89	90	88		82.4
	MIN	64	70	69	70	66	65	63	63	63	64	65	58	55	52	63	60	61	62	60	58	52	47	60	51	52	64	64	64	65	62		61.1
BARREN RIVER RESERVOIR	MAX	90	89	78	86	90	90	87	84	89	92	93	79	75	81	90	91	79	80	78	83	70	75	82	75	77	85	82	78	89	90		83.6
	MIN	70	72	69	70	70	70	67	64	64	65	64	59	55	55	62	66	61	62	65	66	52	52	55	56	57	57	67	68	66	63		63.0
BERNHEIM FOREST	MAX	88	83	81	88	89	89	85	88	90	91	90	80	76	87	87	82	78	78	77	77	72	76	74	73	79	85	87	89	90	90		83.3
	MIN	65	71	70	69	67	70	66	64	64	64	65	60	54	53	62	60	61	60	60	58	46	48	59	50	50	65	68	65	64	63		61.4
BOWLING GREEN FAA AP	MAX	84	79	85	88	89	84	83	88	90	89	80	74	80	89	89	79	78	79	83	71	73	80	76	78	85	83	87	87	91	90		83.0
	MIN	70	72	70	70	68	70	67	66	65	67	63	59	56	56	62	62	60	61	66	57	53	51	58	55	53	67	64	64	65	64		62.7
BRADFORDSVILLE	MAX	90	85	83	87	89	92	88	88	91	93	91	75	76	77	88	88	75	78	72	80	67	73	80	77	76	82	83	86	89	90		83.0
	MIN	64	69	69	63	65	65	67	64	62	62	63	60	59	50	68	63	59	60	64	60	50	48	52	50	46	65	63	61	62	60		60.4
CAMPBELLSVILLE 2 SSW	MAX	84	83	85	86	88	87	85	85	90	89	88	76	75	86	87	84	76	75	79	79	78	77	75	74	81	82	84	90	88	88		82.8
	MIN	67	70	68	69	67	68	67	66	65	65	65	60	56	53	65	62	61	64	63	59	55	51	60	54	54	65	65	64	65	63		62.5
CECILIA	MAX	84	83	83	87	90	88	85	87	89	88	86	82	81	87	83	78	76	75	78	75	70	72	74	76	75	78	85	88	87	89		82.0
	MIN	66	69	69	66	65	68	64	63	65	64	65	56	57	60	53	61	62	58	60	57	47	50	55	57	47	56	60	64	60	65		60.3
GLASGOW WKAY	MAX	82	79	84	89	89	87	81	87	88	89	83	73	77	88	88	82	77	74	79	70	72	76	73	74	82	81	85	87	88	88		81.7
	MIN	67	70	67	67	66	70	67	63	65	65	65	57	54	53	62	64	60	64	62	57	52	52	61	55	54	64	65	65	63	62		61.9
GREENSBURG	MAX	89	88	84	83	88	92	89	87	92	93	93	78	77	78	90	90	79	80	80	82	74	75	81	77	76	84	85	88	90	90		84.4
	MIN	65	69	68	69	67	66	68	68	65	64	63	61	59	54	55	62	62	62	62	66	55	54	54	55	51	52	63	64	64	64		61.7
HODGENVILLE-LINCOLN NP	MAX	87	84	81	87	89	89	82	87	89	89	85	76	77	87	87	85	77	76	76	78	70	76	76	75	80	83	86	88	89	89		82.7
	MIN	65	68	66	68	65	67	64	62	64	63	60	57	54	54	61	60	60	62	60	56	52	50	58	52	51	64	65	65	64	61		60.6
IRVINGTON	MAX	86	83	83	87	88	89	88	88	87	89	86	78	75	85	86	82	75	75	74	75	67	73	73	72	75	84	85	86	88	89		81.7
	MIN	67	70	71	69	68	68	65	65	68	66	61	58	54	56	63	60	60	59	57	55	45	46	57	50	51	64	66	65	63	61		60.9
JAMESTOWN 8 SSW	MAX																																
	MIN	68	70	67	64	67	68	67	67	67	67	66	60	58	55	65	67	64	65	64	67	53	56	60	55	63	62	64	66	66	65		63.8
LEITCHFIELD 2 N	MAX	86	80	84	89	88	85	85	89	86	91	84	75	78	88	85	81	76	74	79	74	70	76	75	72	80	83	86	88	88	90		82.2
	MIN	65	68	68	66	65	70	66	61	64	64	68	61	58	54	60	61	61	61	60	58	48	49	58	53	51	65	65	63	64	61		61.2
LOUISVILLE	MAX	89	86	81	88	88	86	82	86	90	91	90	74	74	87	87	89	78	78	74	75	72	76	77	74	78	80	88	87	92	90		82.9
	MIN	71	74	73	73	72	72	70	68	71	71	65	63	59	59	70	60	63	62	64	58	50	52	62	52	54	66	64	67	69	68		64.7
LOUISVILLE WSO	MAX	86	83	82	87	89	84	84	87	89	88	78	77	76	86	82	70	76	72	75	70	70	77	73	72	77	84	86	88	89	89		80.9
	MIN	70	72	72	71	69	70	69	67	68	69	65	62	58	57	67	61	62	63	65	52	49	51	60	51	52	65	68	65	68	67		63.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	87	78	82	87	88	87	83	88	88	88	87	75	77	86	88	86	77	77	80	81	71	78	77	75	82	82	85	87	89	88		82.8
	MIN	65	70	68	66	65	67	65	61	66	64	63	55	52	52	61	60	58	62	61	55	49	46	58	52	52	63	62	63	62	60		60.1
NOLIN RIVER RESERVOIR	MAX	88	85	78	84	89	90	83	83	88	90	91	79	73	80	89	88	81	78	76	81	64	73	77	77	76	82	82	86	87	91		82.3
	MIN	65	65	68	62	67	67	66	62	62	63	63	56	51	56	52	62	62	62	61	61	54	48	48	55	55	53	65	65	62	61		60.0
ROUGH RIVER DAM	MAX	86	85	88	83	89	90	77	84	88	89	90	81	73	79	87	86		78	73	80	63	71	81	75	74	81	84	85	87	89		81.9
	MIN	67	68	69	68	68	69	64	64	65	65	64	59	53	53	58	58	57	58	58	56	43	44	48	50	52	54	66	66	67	62		59.8
SCOTTSVILLE 3 SSW	MAX	86	81	83	87	86	85	82	87	87	88	82	75	78	89	90	83	78	76	82	78	78	79	74	77	79	83	85	87	89	87		82.7
	MIN	69	69	67	62	68	71	67	67	67	67	68	59	55	59	64	65	64	64	65	60	53	54	61	57	55	65	66	67	68	65		63.6
SUMMER SHADE	MAX	83	78	82	85	85	86	81	85	87	87	78	75	75	85	85	78	77	75	79	73	71	76	72	73	81	80	84	85	85	87		80.4
	MIN	66	69	67	65	66	68	67	63	65	66	64	57	55	54	62	65	60	60	65	58	55	53	60	54	55	65	65	63	63	62		61.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	84	82	85	86	89	88	85	88	88	89	84	73	75	84	88	84	75	73	79	74	72	78	75	72	79	80	85	86	87	88		81.8
	MIN	65	71	70	69	67	71	67	65	65	65	65	59	60	56	66	64	62	64	64	61	55	56	60	54	51	65	65	67	67	65		63.4
CARROLLTON LOCK 1	MAX	85	85	79	85	86	86	83	85	85	85	85	72	72	83	83	80	73	74	73	71	67	71	72	69	73	80	84	86	87	87		79.5
	MIN	67	68	69	68	67	70	66	66	68	64	66	62	58	53	63	58	61	62	63	59	48	49	58	45	47	61	68	65	66	65		61.7
COVINGTON WSO	MAX	89	77	76	86	87	86	85	86	87	87	74	71	73	81	83	75	76	71	74	70	68	71	72	68	69	77	80	84	85	86		78.5
	MIN	68	70	71	71	71	70	69	68	66	65	67	63	57	51	66	61	62	62	64	51	45	49	56	47	48	60	65	66	64	66		62.0
CYNTHIANA 2	MAX	89	89	76	78	88	89	87	88	88	89	90	72	74	72	85	86	70	77	69	75	72	70	76	72	70	78	82	86	87	89		80.4
	MIN	63	66	68	67	65	66	67	65	63	62	66	58	58	50	50	62	63	64	64	64	48	46	48	52	46	48	64	63	62	60		59.6
DANVILLE	MAX	87	84	83	84	87	90	88	88	88	91	91	72	73	76	87	89	71	75	71	80	71	73	79	74	74	80	82	85	88	89		81.7
	MIN	56	65	70	68	66	66	67	66	65	65	64	59	59	57	57	65	62	62	62	62	53	52	52	53	51	51	65	65	65	64		61.1
DIX DAM	MAX	85	85	82	86	90	91	88	88	89	90	90	78	74	85	87	86	73	74	77	76	69	77	76	74	79	82	85	88	88	88		82.7
	MIN	65	71	70	69	68	69	67	67	65	63	64	58	59	56	65	64	62	63	63	62	53	51	61	52	53	52	65	66	66	64		62.4
FALMOUTH 5 WNW	MAX	86	78	76	87	88	87	89	88	87	88	81	71	71	84	83	88	76	71	73	74	70	74	77	69	73	81	83	87	90	89		80.6
	MIN	63	68	67	65	62	65	63	63	60	58	63	56	55	46	56	58	62	60	62	59	40	41	56	47	42	60	60	60	60	58		57.8
FARMERS 1 WNW	MAX	89	82	83	86	87	88	82	86	87	89	79	75	70	82	86	81	75	78	78	74	71	77	72	70	75	79	84	86	88	88		80.9
	MIN	63	69	68	67	64	65	67	67	65	63	64	58	60	53	56	64	61	64	65	63	54	51	59	53	48	64	62	60	60	65		61.4
FLEMINGSBURG 1 SW	MAX	86	82	80	84	86	86	82	85	85	87	80	72	70	81	84	76	75	70	75	72	69	74	73	68	75	79	78	85	87	85		79.0
	MIN	64	67	67	67	65	65	65	62	62	60	61	58	58	49	60	59	61	61	62	61	49	50	59	49	47	62	63	62	62	61		59.9
FRANKFORT LOCK 4	MAX	91	87	83	76	88	89	87	86	89	91	91	76	73	75	87	87	70	77	73	77	71	72	78	74	71	77	80	86		90		81.1
	MIN	61	66	69	68	66	67	67	67	65	64	64	60	58	54	54	59	60	63	64	64	50	49	49	51	50	51	63	64		64		60.4
LEXINGTON WSO	MAX	89	82	80	90	91	90	88	91	91	91	74	74	73	85	86	71	76	73	77	72	71	78	76	71	79	80	86	88	88	90		81.7
	MIN	69	73	72	72	68	70	69	67	66	65	63	60	57	53	65	64	64	63	65	57	51	50	60	53	52	65	66	68	67	65		63.3
MAYSVILLE SEWAGE PLANT	MAX	87	88	72	75	85	88	88	85	89	89	89	71	74	69	82	85	71	78	74	73	70	72	76	71	72	75	81	78	87	89		79.4
	MIN	61	65	67	67	68	65	66	64	64	65	65	61	60	54	51	61	52	64	64	63	48	46	52	49	45	45	65	63	63	62		59.5
MOUNT STERLING	MAX	84	84	82	83	85	86	83	85	86	85	84	71	70	81	85	76	72	71	76	72	68	74	73	70	75	75	83	85	85	86		79.2
	MIN	66	69	68	68	66	68	68	64	65	64	63	58	60	54	63	63	62	63	63	61	53	52	61	51	50	65	65	65	66	64		62.3
OWENTON	MAX	87	87	79	77	85	87	85	85	87	89	88	72	69	70	83	81	73	76	69	74	69	70	78	70	69	75	79	80	80	87		78.7
	MIN	66	68	70	69	68	70	68	67	67	66	67	60	57	56	58	58	61	63	63	67	48	50	51	50	48	49	67	67	68	70		61.9
RICHMOND	MAX	89	88	80	85	85	90	90	86	87	89	91	73	72	76	85	89	69	73	70	78	72	72	78	73	71	81	83	86	89	88		81.3
	MIN	65	68	69	68	66	68	67	65	65	64	65	58	59	53	57	64	61	62	63	65	51	52	55	53	50	54	62	64	64	66		61.4
SHELBYVILLE	MAX	89	85	81	83	86	87	84	84	88	88	89	76	72	73	85	83	70	75	70	74	69	70	75	73	72	77	81	84	85	88		79.9
	MIN	66	69	70	70	67	69	65	64	64	65	65	62	57	53	54	58	59	61	60	62	46	47	51	59	49	50	65	66	65	64		60.7
WARSAW MARKLAND DAM	MAX	86	88	78	80	85	88	88	85	86	88	89	76	71	72	85	84	72	75	71	75	69	69	74	72	69	73	81	85	87	88		79.6
	MIN	63	68	68	68	67	66	67	65	67	66	65	64	60	55	53	59	56	60	60	64	50	50	50	44	49	53	62	66	66	65		60.5
WAYNESBURG 7 NE	MAX	81	79	83	86	88	87	81	86	88	88	75	71	72	84	87	83	68	72	79	82	72	78	75	69	79	80	83	85	86	88		80.5
	MIN	62	65	65	64	62	68	64	61	64	63	60	55	57	49	59	61	58	61	61	57	51	50	57	51	49	61	61	61	61	64		59.4
WILLIAMSTOWN 3 NW	MAX	86	78	75	85	87	85	85	85	85	88	81	74	73	83	83	78	75	70	74	74	69	75	73	69	73	80	83	85	88	88		79.6
	MIN	68	69	68	68	68	69	67	65	68	63	65	58	57	53	64	57	61	60	62	59	46	50	58	48	48	60	66	65	67	66		61.4
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	85	89	75	77	85	88	89	84	87	88	89	74	76	69	80	87	68	75	73	78	75	71	76	72	71	73	80	86	89	88		79.9
	MIN	61	63	66	64	64	63	67	64	65	64	62	61	61	52	53	58	60	61	65	64	55	50	55	52	45	52	62	62	62	62		59.8
BARBOURVILLE	MAX	87	82	80	91	87	89	90	80	87	89	91	85	76	74	85	90	79	71	78	83	76	71	82	68	73	81	79	86	87	89		82.2
	MIN	62	66	66	63	63	63	65	65	65	66	66	61	61	54	53	60	63	64	64	63	59	56	58	59	54	56	61	61	62	64		61.4
BAXTER	MAX	86	85	79	83	85	88	87	75	85	87	88	80	75	72	83	90	80	68	78	84	76	72	82	68	75	80	75	81	85	86		80.6
	MIN	60	64	65	63	62	62	64	65	65	65	66	60	60	55	55	59	63	61	62	62	58	56	57	60	57	58	63	63	64	63		61.2
BLAINE	MAX	88	89	71	80	86	88	89	85	88	87	89	77	73	70	81	87	70	78	73	78	76	71	78	78	78	72	79	85	88	87		80.6
	MIN	61	62	60	63	63	61	64	64	64	64	64	60	62	51	51	54	61	61	65	61	57	51	50	51	46	46	61	61	60	58		58.6
CUMBERLAND	MAX	85	84	80	85	85	86	86	89	86	87	83	69	68	80	88	86	72	75	82	79	81	82	79	75	78	75	82	82	85	86		81.3
	MIN	60	65	64	60	60	65	65	60	58	61	64	58	57	50	54	62	56	59	60	58	56	53	56	56	53	60	57	60	57	58		58.7
DEWEY DAM	MAX																																
	MIN																																
GRAYSON 5 SE	MAX	88	91	71	81	86	89	89	81	88	88	90	73	78	71	82	88	71	76	74	79	74	70	77	72	71	73	79	85	88	89		80.4
	MIN	58	58	66	63	61	61	64	63	63	63	62	60	61	52	52	54	60	61	65	60	55	48	50	50	43	43	60	59	58	58		57.7
HEIDELBERG LOCK 14	MAX	87	87	84	85	87	88	88	85	87	87	87	73	73	83	87	87	74	74	79	80	70	77	78	71	76	80	84	85	87	85		81.8
	MIN	65	70	68	66	64	65	68	63	64	65	65	60	62	51	56	67	64	64	61	64	57	54	60	57	51	65	62	61	62	62		62.1
HINDMAN 11 NNE	MAX	88	78	83	88	87	88	83	85	84	86	82	78	74	84	87	82	76	74	83	78	78	73	70	72	74	77	88	86	87	86		81.3
	MIN	62	66	67	65	63	63	62	65	62	58	59	60	59	56	58	56	63	61	56	62	59	61	61	62	62	65	62	63	59	58		61.2
HYDEN	MAX	85	86	81	83							87				80	86	87	73	75	82	79	67	78	68	70	80	78	83	85	86		80.0
	MIN	62	66	66	64										54	54	57	62	62	65	62	58	56	56	59	54	55	59	58	62	62		59.7
JACKSON	MAX	91	91	74	87	90	91	90	87	91	91	93	81	77	74	88	93	74	75	70	81	78	75	81	70	65	81	82	91	91	92		83.2
	MIN	65	66	68	65	65	67	67	66	65	65	67	62	61	55	55	60	63	63	67	63	59	55	55	59	54	54	62	63	63	64		62.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	82	78	83	85	87	88	77	86	87	88	81	73	73	82	87	76	71	72	78	75	67	78	68	69	81	78	84	85	86	87		79.7
	MIN	63	70	66	64	62	64	64	60	62	63	61	59	55	50	57	65	63	66	66	59	56	55	58	55	52	60	63	61	60	61		60.7
MANCHESTER 4 SE	MAX	85	81	84	87	87	89	85	85	86	87	84	74	72	82	88	85	72	75	81	77	67	78	78	69	80	79	84	85	86	87		81.3
	MIN	64	66	65	61	61	63	64	62	63	64	63	61	60	53	56	62	62	64	63	61	58	54	58	58	52	63	60	60	63	63		60.9
MC KEE	MAX	85	85	80	85	86	85	88	80	84	85	86	78	72	72	84	88	74	75	69	81	71	70	78	70	71	78	79	84	86	85		79.8
	MIN	62	62	65	63	60	61	62	59	60	60	61	59	59	49	49	54	60	60	65	64	55	52	54	52	47	51	61	58	58	58		58.0
MIDDLESBORO	MAX	87	82	80	83	85	89	88	81	86	88	89	82	82	73	84	88	76	69	80	83	75	75	81	72	76	79	75	83	85	87		81.4
	MIN	60	62	62	61	60	62	64	63	63	64	63	60	59	53	53	59	62	62	62	61	58	57	58	58	55	56	63	62	61	61		60.1
MONTICELLO	MAX	83	77	85	88	89	85	83	89	90	92	86	74	75	86	89	81	71	71	83	75	70	80	73	72	82	80	86	87	87	87		81.9
	MIN	65	70	65	65	63	65	66	63	62	63	64	60	61	52	60	64	63	63	66	60	56	54	60	56	54	64	65	64	63	62		61.9
MOUNT VERNON	MAX	82	81	85	86	89	89	83	86	88	89	88	74	73	84	88	86	72	72	79	77	72	79	78	78	81	81	85	87	87	89		82.3
	MIN	65	69	65	66	63	68	67	61	62	63	63	62	57	53	60	62	60	61	64	61	54	53	59	53	52	63	64	62	62	61		61.2
PIKEVILLE	MAX	90	79	84	87	91	91	78	90	90	92	83	75	71	83	93	78	78	73	80	80	71	81	69	72	82	82	86	89	89	87		82.5
	MIN	64	67	66	63	65	66	65	68	67	69	66	63	61	56	59	60	63	66	65	62	59	58	65	61	55	63	63	64	66	67		63.4
SOMERSET 2 N	MAX	88	80	84	87	88	87	78	86	87	87	84	70	74	84	87	85	73	73	81	71	68	76	76	69	79	78	85	84	86	85		80.7
	MIN	65	70	65	64	62	65	65	61	63	64	65	59	59	51	59	63	61	65	61	61	56	55	63	54	52	64	62	60	60	61		61.2
STEARNS 1 W	MAX	83	78	83	86	89	85	80	85	88	85	79	69	73	74	82	84	68	73	80	72	76	81	76	71	80	78	85	86	86	86		80.0
	MIN	56	57	66	68	68	64	60	61	62	61	59	56	51	55	59	61	63	65	63	55	54	55	56	54	55	60	61	60	60	61		59.5
TOMAHAWK 1 WSW	MAX	87	87	73	80	85	88	89	77	85	88	89		73	70	79	87	69	76	74	81	79	70	76	68	68	74	78	82	85	85		79.4
	MIN	61	61	64	61	60	61	63	63	60	63	62	62	60	52	52	52	61	61	65	61	58	54	54	58	52	51	64	68	61	61		59.5
VANCEBURG	MAX	87	85	76	85	88	86	84	86	87	89	87	73	72	81	85	83	75	73	72	73	70	75	73	75	75	80	78	85	86	85		80.3
	MIN	59	64	64	61	63	61	64	63	63	63	64	61	61	51	54	61	61	61	63	61	51	48	58	48	43	61	60	58	58	60		58.9
WEST LIBERTY	MAX	89	88	71	83	86	89	89	82	87	88	89	75	76	71	81	87	71	74	73	78	74	74	77	70	67	72	76	85	88	86		79.9
	MIN	58	65	68	65	65	64	64	64	64	64	64	62	61	52	52	55	61	61	65	62	55	52	52	54	48	48	52	55	59	61		59.1
WILLIAMSBURG 1 E	MAX	88	77	85	84	86	86	82	86	87	85	86	74	78	85	89	84	76	75	76	75	70	82	80	71	78	80	80	83	87	86		81.4
	MIN	56	69	66	65	65	65	67	63	62	61	63	68	61	54	62	59	61	63	66	62	57	56	60	58	59	59	57	62	64	63		61.8

EVAPORATION AND WIND

Station		Day Of Month																														Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.11	.22	.13	.10	.17	.19	.13	.11	.19	.17	.14	.31	.13	.19	.22	.21	.09	.18	.12	.09	.08	.13	.12	.10	.12	.11	.17	.15	.18	.16		4.52
	WIND	22	52	65	41	67	26	52	22	15	17	11	23	21	23	41	20	18	28	24	37	21	20	12	12	19	50	69	55	57	22		962
	MAX	82	91	86	82	82	91	84	87	93	94	91	86	79	86	91	90	73	86	80	78	65	78	75	82	81	78	85	86	87	92		84.0
	MIN	70	71	71	70	70	71	67	67	69	71	72	65	59	58	63	64	63	62	62	60	51	51	53	57	56	60	66	66	68	68		64.0
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.13	.04	.10	.12	.19	.16	.22	.19	.10	.16	.22	-	.05	.18	.19	.19	.02	.19	.13	.11	.05	.18	.10	.06	.16	.18	.07	.14	.19	.16		4.128
	WIND	18	19	48	23	29	37	37	15	13	13	16	21	33	41	41	23	17	19	15	27	39	20	14	16	14	41	51	24	46	21		791
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.20	.23	.16	.14	.25	*	.29	.08	.20	.20	.10	*	.27	.10	.18	.20	.07	.02	*	.18	.07	.10	.20	.10	.10	.22	.10	.10	.20	.20		4.26
	WIND	19	13	18	27	7	*	43	13	25	39	30	*	68	49	20	37	27	85	29	20	48	36	17	23	62	34	14	19	16	11		849
	MAX	88	90	83	87	92	-	94	92	90	94	92	-	93	75	90	92	72	70	-	79	68	74	81	75	76	81	81	87	90	90		84.3
	MIN	70	70	71	70	71	-	70	69	69	69	68	-	61	59	60	67	64	63	-	63	55	46	53	57	58	56	56	68	69	70		63.8
* * * EASTERN 04																																	
BUCKHORN	EVAP	.17	.12	.09	.11	.21	.18	.10	.21	.10	.01	.29	.18	.05	.04	.20	.06	.18	*	*	.07	*	.07	.09	.14	.10	-	-	.11	.05	.22		3.388
	WIND	7	8	4	10	8	8	12	9	5	6	7	13	30	32	16	14	12	2	5	8	32	6	4	7	12	15	21	5	1	1		320
	MAX	104	105	90	101	103	106	88	82	105	103	106	93	77	71	86	102	92	85	83	81	73	80	89	79	78	87	82	89	91	103		90.5
	MIN	68	73	71	71	70	71	71	69	70	72	73	65	64	61	60	65	66	66	67	68	62	60	60	63	59	59	65	68	65	70		66.4

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	79	79	76	78	78	79	78	78	79	80	81	75	78	75	76	76	72	77	72	72	71	70	70	71	70	72	74	75	76	76		75.4
		MIN	75	75	75	75	75	75	74	75	75	75	74	72	75	68	74	72	70	72	71	70	67	65	69	66	65	66	71	70	71	72		71.6
	20	5PM	75	75	75	75	75	75	75	75	75	75	75	75	74	73	73	73	73	73	73	72	71	71	71	71	70	70	71	71	72	72		73.1
BEREA COLLEGE	4	MAX	77	78	77	79	79	81	80	80	80	80	81	76	76	76	78	78	80	79	75	74	80	78	75	75	72	74	75	77	78	78		77.5
		MIN	75	77	77	77	76	78	78	78	77	78	76	74	74	72	74	75	78	73	74	69	71	74	71	70	68	71	73	74	75	75		74.4
	20	5PM	77	77	77	77	77	77	77	78	78	77	78	77	77	76	76	76	76	76	75	75	75	75	74	74	77	73	73	74	75	75		76.0
CAMPBELLSVILLE 2 SSW	4	MAX	75	75	75	78	80	80	78	80	80	78	75	75	74	75	78	75	75	73	74	72	72	72	70	72	72	74	75	75	75	78		75.3
		MIN	73	73	73	75	75	75	75	75	75	74	74	74	71	70	72	73	73	71	72	71	70	70	68	69	68	70	70	72	72	72		72.2
	20	6PM	73	74	74	73	74	75	75	75	75	75	75	75	75	75	74	73	73	72	72	72	72	72	70	70	70	70	70	72	74	72		73.0
CUMBERLAND GAP PARK	4	MAX	75	74	76	76	75	75	80	77	77	78	78	74	74	73	75	74	72	73	74	75	72	73	73	71	72	71	73	74	75	75		74.5
		MIN	72	72	73	73	72	73	75	73	74	72	74	72	71	68	71	72	70	70	71	71	71	69	69	68	69	70	70	70	71	71		71.2
	20	5PM	73	74	73	73	73	73	73	73	73	73	73	73	73	72	72	72	72	72	72	71	72	72	72	71	71	71	71	71	71	72		72.2
FLEMINGSBURG 1 SW	4	MAX	78	79	75	76	76	77	77	77	77	78	78	72	72	75	81	76	72	73	71	72	72	73	73	71	72	71	72	75	77	78		74.9
		MIN	73	73	72	73	72	74	74	74	74	73	72	71	70	67	75	71	70	70	69	70	67	66	69	66	65	69	70	70	71	72		70.7
	20	6PM	70	71	70	70	70	71	71	71	71	71	71	71	70	70	70	70	70	70	70	70	69	69	69	68	68	68	68	68	69	69		69.8
GLASGOW WKAY	4	MAX	77	76	76	76	77	77	77	77	77	77	77	78	77	73	75	76	76	75	73	73	72	71	71	71	71	71	73	74	74	75		74.8
		MIN	75	75	74	75	74	75	75	73	74	73	75	75	73	70	70	72	72	71	72	72	69	68	70	68	68	68	71	71	72	72		72.1
	20	6PM	73	73	73	73	73	74	73	73	74	74	74	74	73	72	72	72	72	71	71	71	71	70	70	70	70	70	70	71	71	71		72.0
GREENVILLE 2 W	4	MAX	81	81	81	82	82	82	80	83	84	83	84	82	80	81	82	82	78	78	81	79	73	75	74	76	75	75	76	77	77	79		79.4
		MIN	78	79	79	78	78	74	78	78	78	78	78	77	74	75	77	76	75	74	78	73	69	70	72	71	71	73	74	73	74	75		75.2
	20	5PM	75	75	76	75	75	76	75	75	75	76	76	76	75	75	75	75	75	74	74	73	72	72	71	72	71	71	72	72	72	72		73.9
HENDERSON 7 SSW	4	MAX	78	79	79	79	80	81	80	77	77	78	78	78	78	78	77	76	74	75	75	73	71	71	69	69	69	70	72	75	76	76		75.6
		MIN	76	78	77	78	78	79	75	76	76	77	77	77	77	76	76	74	73	74	73	71	69	69	69	69	69	69	70	72	75	75		74.1
	20	6PM	73	74	74	74	74	75	74	74	74	75	75	75	74	74	73	73	73	72	72	72	71	71	70	70	70	70	70	71	71	72		72.7
IRVINGTON	4	MAX	77	76	76	77	77	79	78	77	76	79	78	79	72	72	74	74	70	71	70	70	70	67	68	68	68	73	75	76	77	78		74.1
		MIN	74	75	76	74	74	74	73	73	72	75	74	72	69	68	71	70	70	70	70	70	65	64	67	65	64	66	71	71	72	72		70.7
	20	4PM	70	70	70	71	71	71	71	71	71	71	71	71	70	70	70	70	70	70	69	69	68	67	67	67	66	67	67	67	68	69		69.3
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	97	82	82	91	94	92	87	93	92	99	76	79	77	90	90	70	81	72	80	69	79	85	79	84	86	84	85	88	89	90		84.7
		MIN	70	72	69	69	68	70	68	66	66	66	64	62	59	56	62	64	62	63	65	58	54	54	59	54	52	65	65	65	66	65		63.3
	2	MAX	93	80	80	89	91	88	83	88	88	94	75	76	76	85	86	70	78	72	78	70	74	81	77	80	82	79	82	84	86	86		81.7
		MIN	72	72	70	70	70	72	70	68	68	68	66	63	62	58	64	66	64	65	66	61	57	56	62	57	55	66	66	67	67	67		65.2
	4	MAX	87	78	78	83	86	83	81	82	84	86	75	73	72	80	80	70	74	70	74	69	71	75	73	74	75	74	78	80	81	81		77.6
		MIN	74	73	72	71	71	73	71	70	71	70	69	66	65	61	67	68	66	66	66	64	60	59	65	60	59	67	68	68	69	69		67.3
	8	MAX	83	78	77	81	83	80	79	79	81	83	77	72	71	76	77	70	73	70	73	70	70	72	72	71	72	73	75	77	78	79		75.7
		MIN	75	74	73	72	72	73	72	72	72	72	71	66	67	63	68	69	67	67	67	66	62	61	66	62	61	68	68	69	70	70		68.5
(SOD)	1	MAX	78	76	77	78	79	94	78	79	80	80	74	73	72	77	77	72	73	71	73	71	70	72	72	70	72	73	75	76	77	76		75.5
		MIN	73	73	73	73	72	72	73	72	73	72	71	69	68	66	69	70	69	69	69	67	65	64	67	65	64	68	69	69	70	69		69.4
	2	MAX	78	76	76	78	78	88	77	79	79	80	75	72	71	76	76	72	73	71	73	71	70	72	72	70	71	72	74	75	76	76		74.9
		MIN	72	72	73	73	73	73	72	72	73	72	72	70	69	66	69	70	69	69	69	68	66	65	68	66	64	68	69	70	71	71		69.8
	4	MAX	77	75	76	77	78	77	77	78	79	79	76	73	72	70	75	73	73	71	73	71	70	71	71	70	71	72	73	74	75	75		74.1
		MIN	73	73	73	73	73	74	73	73	73	73	72	70	69	67	70	71	70	70	70	69	67	67	69	67	66	69	69	70	71	71		70.5
	8	MAX	75	75	75	75	76	75	75	76	76	77	75	73	71	72	73	72	72	71	71	71	70	70	70	69	70	70	71	72	73	73		72.8
		MIN	72	73	73	73	73	73	73	73	73	73	73	71	71	69	71	71	71	71	70	70	68	67	68	68	67	69	70	70	71	72		70.9

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (SOO)	20	7PM	72	72	72	72	72	73	72	72	73	72	72	72	71	70	70	71	71	71	70	70	70	69	69	69	68	69	69	69	70	70		70.7
	40	7PM	70	70	70	70	70	70	70	70	71	69	70	69	70	70	69	70	70	70	70	69	69	69	69	69	68	69	68	68	69	69		69.5
MAYFIELO RAOIO WNGO	4	MAX	82	82	80	-	82	82	83	83	82	84	83	82	82	81	81	80	80	80	75	74	73	71	71	-	73	75	77	77	78	-		79.0
		MIN	78	79	79	-	79	79	82	79	79	82	81	74	75	76	76	78	74	75	71	73	68	70	70	-	71	72	73	75	75	-		75.7
	20	5PM	77	77	77	-	-	77	77	77	78	78	77	76	76	76	76	-	-	-	75	72	73	73	71	-	71	71	72	73	74	-		75.0
PRINCETON 1 SE	4	MAX	77	77	77	77	78	77	77	78	79	78	79	78	74	75	75	76	74	74	74	73	71	71	70	70	70	71	72	73	74	75		74.8
		MIN	77	77	77	76	77	77	76	76	77	76	77	74	71	72	73	72	72	72	73	71	67	69	69	69	70	70	71	72	73	74		73.2
	20	5PM	73	73	73	73	73	73	73	74	74	74	74	74	73	73	72	72	72	72	72	71	71	70	70	70	70	70	70	70	70	71		72.0
QUICKSANO	4	MAX	80	80	78	79	80	80	80	79	80	81	81	77	75	80	76	77	75	73	74	74	72	72	73	70	70	72	75	76	78	78		76.5
		MIN	75	76	74	75	76	75	75	75	76	76	77	74	72	75	71	75	71	72	72	72	70	69	70	69	67	69	70	71	72	74		72.8
	20	4PM	75	75	75	75	75	75	75	75	75	76	76	75	75	74	73	74	73	73	73	73	72	72	72	71	70	70	71	71	72	72		73.4
SANOY HOOK 4 NW	4	MAX	75	75	74	75	75	75	75	75	76	76	76	76	72	71	73	72	70	70	70	71	70	67	69	69	66	79	70	71	72	72		72.6
		MIN	69	71	70	72	72	72	72	72	71	71	72	72	70	67	68	70	68	70	69	70	67	65	67	66	62	66	68	68	67	68		69.1
	20	6PM	68	68	68	68	69	68	69	69	69	70	69	69	69	68	68	68	67	68	68	68	68	66	66	67	65	65	65	65	66	66		67.6
SOMERSET 2 N	1	MAX	81	78	78	81	80	82	80	80	82	82	82	76	77	78	81	78	73	-	76	76	72	74	73	71	72	73	76	77	79	78		77.4
		MIN	75	75	74	73	73	75	73	73	74	74	75	70	71	69	71	73	70	-	70	71	68	66	69	66	65	69	70	70	71	72		71.2
	4	MAX	78	76	75	77	78	78	79	77	80	80	79	74	79	77	76	77	73	-	74	73	72	71	74	70	69	71	73	75	75	76		75.4
		MIN	74	74	73	72	73	73	74	72	72	74	73	70	74	70	69	73	70	-	70	72	68	65	69	67	65	69	69	70	69	71		70.8
	20	6PM	76	76	76	76	76	76	76	76	76	76	77	75	75	74	75	74	74	-	74	74	67	72	72	72	71	71	72	72	73	73		74.0
WILLIAMSTOWN 3 NW	4	MAX	75	74	74	74	77	77	78	78	79	79	79	76	73	73	75	75	73	72	72	71	71	69	68	69	69	68	70	72	73	74		73.6
		MIN	74	74	73	74	73	75	74	75	75	75	75	73	71	69	72	71	71	72	71	70	66	66	68	66	65	67	68	70	71	71		71.2
	20	6PM	70	70	70	70	70	70	70	70	70	71	71	71	70	70	70	70	70	70	69	69	68	68	68	68	67	67	67	67	67	68		69.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A			CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA H. COOL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 18	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6R			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. RUWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	JAUNITA E HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALHAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH ROSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURCHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4896	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	5P	5R		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	470	5R	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 08	83 43	850	5P	7A			NORA S. WHITE
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE F. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
NETA	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA V HORNE
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVEARTT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. MAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5R			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5R			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6R		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			CLAY B DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5R	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOTT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			V O SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. M. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS H. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	INACTIVE 4/1/71
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.
EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.
WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
OCTOBER 1971
Volume 66 No. 10

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AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow/Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	77.5	52.4	65.0		91	1	35	10	55	1	0	0	0	1.41		.82	15	.0	0		3	1	0
BEAVER DAM	77.7M	51.4M	64.6M		88	2+	37	12+	75	0	0	0	0					.0	0				0
FORDS FERRY DAM 50	75.5	55.6	65.6		89	1	42	10	54	0	0	0	0	2.15	-.29	1.32	16	.0	0		3	1	1
GILBERTSVILLE KY DAM	79.2	57.3	68.3		91	1	37	10	27	1	0	0	0	.69		.40	15	.0	0		3	0	0
GOLDEN POND 8 N	76.1	55.9	66.0		89	2+	40	10	51	0	0	0	0					.0	0				0
GREENVILLE 2 W	76.5M	53.0M	64.8M	5.3	87	2+	37	10	59	0	0	0	0	1.67	-.81	.49	21	.0	0		5	0	0
HENDERSON 7 SSW	76.1	54.6	65.4	5.4	89	2+	38	12	53	0	0	0	0	3.18	.38	1.50	3	.0	0		4	2	2
HICKMAN 1 E	78.0	54.7	66.4		90	1	39	10	37	1	0	0	0	2.60		1.10	24	.0	0		4	2	1
HOPKINSVILLE	78.4	54.2	66.3	6.3	92	1	38	11	45	2	0	0	0	2.25	-.17	.76	22	.0	0		4	2	0
LOVELACEVILLE	78.0	51.7	64.9	4.2	91	1	34	10	58	3	0	0	0	3.29	.16	1.55	3	.0	0		5	2	2
MADISONVILLE 1 SE	77.5	50.9	64.2		89	2	37	12+	69	0	0	0	0	1.98		.69	4	.0	0		5	2	0
MAYFIELD RADIO WNGO	78.4M	52.1M	65.3M		91	1	40	11	59	1	0	0	0	1.63		.86	24	.0	0		4	1	0
MURRAY	76.2	56.1	66.2	5.3	87	1	41	10	38	0	0	0	0	2.25	-.62	1.82	24	.0	0		3	1	1
OWENSBORO 2 W	77.5	53.5	65.5	6.1	91	1	38	12	60	2	0	0	0	2.60	.18	.75	4	.0	0		6	2	0
PADUCAH FAA AIRPORT	76.1	53.8	65.0		88	1	39	10	58	0	0	0	0	1.79		.85	15	.0	0		5	1	0
PADUCAH SEWAGE PLANT	77.4	53.8	65.6		90	1	41	13+	50	1	0	0	0	2.52	-.27	1.14	4	.0	0		4	2	2
PRINCETON 1 SE	77.8	54.5	66.2	6.2	90	1	38	10	40	1	0	0	0	.96	-1.64	.23	24+	.0	0		4	0	0
ROCHESTER LOCK 3	75.1	52.3	63.7		87	2+	41	13+	79	0	0	0	0	2.43		.83	22	.0	0		5	2	0
RUSSELLVILLE	76.4	53.0	64.7	5.6	89	1	39	10	70	0	0	0	0	3.49	1.24	1.47	16	.0	0		6	3	1
DIVISION			65.5	5.5										2.17	-.44			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	74.8	51.2	63.0	5.4	86	1	37	12+	91	0	0	0	0	1.60	-.96	.40	22	.0	0		6	0	0
BARDSTOWN	76.3	51.3	63.8		86	3+	36	12+	74	0	0	0	0	.66		.36	21	.0	0		2	0	0
BARREN RIVER RESERVOIR	77.4	52.7	65.1		90	3+	39	11	64	2	0	0	0	1.29		.47	24	.0	0		3	0	0
BERNHEIM FOREST	77.7	51.2	64.5		90	1	36	10+	72	1	0	0	0	1.03		.33	21+	.0	0		3	0	0
BOWLING GREEN FAA AP	76.2	53.1	64.7	4.7	88	3+	40	10	65	0	0	0	0	1.68	-.70	.95	24	.0	0		5	1	0
BRADFORDSVILLE	76.8	50.2	63.5		90	1	34	11	95	1	0	0	0	1.30		.50	24	.0	0		4	1	0
CAMPBELLSVILLE 2 SSW																							
CECILIA	76.4	51.5	64.0	5.9	87	3	36	12+	77	0	0	0	0	2.19	-.35	.65	9	.0	0		5	1	0
GLASGOW WKAY	75.5	51.9	63.7		86	3+	36	11	77	0	0	0	0	.70		.22	22	.0	0		4	0	0
GREENSBURG	77.6	51.1	64.4	6.3	91	1	37	11	77	1	0	0	0	.61	-1.77	.29	16	.0	0		2	0	0
HODGENVILLE-LINCOLN NP	77.1	52.1	64.6		89	1	37	10	65	0	0	0	0	.89		.25	21	.0	0		4	0	0
IRVINGTON	76.3	50.3	63.3	4.1	89	1	34	12+	94	0	0	0	0	1.67	-.74	.62	22	.0	0		6	1	0
JAMESTOWN 8 SSW														1.10		.84	16	.0	0		3	1	0
LEITCHFIELD 2 N	75.8	51.3	63.6	4.1	88	1	37	12	83	0	0	0	0	2.49	-.16	.60	22	.0	0		8	2	0
LOUISVILLE	77.2	55.6	66.4		88	2+	41	10	48	0	0	0	0	2.51		1.51	22	.0	0		5	1	1
LOUISVILLE WSO R	75.0	53.8	64.4	6.5	87	3+	39	10	65	0	0	0	0	1.96	-.29	.88	22	.0	0		6	1	0
MAMMOTH CAVE PARK	76.6	51.8	64.2		88	2+	36	10	76	0	0	0	0	1.36		.54	24	.0	0		4	1	0
NOLIN RIVER RESERVOIR	77.1	50.0	63.6		91	1	36	10	87	2	0	0	0	1.40		.50	22	.0	0		3	1	0
ROUGH RIVER DAM	76.6M	51.2	63.9M		90	1	35	11+	80	1	0	0	0	2.17		.85	22	.0	0		4	2	0
SCOTTSVILLE 3 SSW	76.3	56.5	66.4		87	3+	40	10	41	0	0	0	0	1.13		.68	15	.0	0		4	1	0
SUMMER SHADE	75.0M	52.2M	63.6M		85	3+	37	11	76	0	0	0	0	1.08		.88	15	.0	0		1	1	0
DIVISION			64.2	5.3										1.44	-1.03			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	74.9	54.5	64.7	5.7	85	2	40	8	72	0	0	0	0	1.97	-.20	.72	14	.0	0		4	2	0
CARROLLTON LOCK 1	74.8	52.4	63.6		87	1	37	10	82	0	0	0	0	1.50	-.85	.30	16	.0	0		8	0	0
COVINGTON WSO R	71.7	51.0	61.4	5.3	84	2+	37	12+	128	0	0	0	0	1.44	-.82	.41	24	.0	0		4	0	0
CYNTHIANA 2	74.8	48.2	61.5		89	1	33	12+	148	0	0	0	0	.80		.36	24	.0	0		3	0	0
DANVILLE	75.6	52.0	63.8		90	1	38	10+	90	1	0	0	0	.73	-1.41	.44	16	.0	0		2	0	0
DIX DAM	76.0	53.9	65.0		88	1	39	8	70	0	0	0	0	.49		.26	16	.0	0		2	0	0
FALMOUTH 5 WNW	74.8	47.1	61.0		89	1	30	12	145	0	0	3	0	1.29	-.94	.43	10	.0	0		3	0	0
FARMERS 1 WNW	74.5	51.8	63.2	6.2	85	1	34	8	94	0	0	0	0	.93	-1.33	.39	24	.0	0		4	0	0
FLEMINGSBURG 1 SW	72.8	50.7	61.8		85	3	34	8	127	0	0	0	0	.75		.53	24	.0	0		1	1	0
FRANKFORT LOCK 4	76.5	51.0	63.8	5.6	92	1	38	8	94	1	0	0	0	.66	-1.71	.22	22	.0	0		2	0	0
LEXINGTON WSO R	75.0	54.3	64.7	6.6	87	2	40	8	69	0	0	0	0	.52	-1.76	.16	21	.0	0		3	0	0
MAYSVILLE SEWAGE PLANT	74.7	50.7	62.7	5.6	89	1	36	12	106	0	0	0	0	1.15	-1.19	.70	24	.0	0		3	1	0
MOUNT STERLING	73.8	53.5	63.7		85	1	38	8	84	0	0	0	0	.66	-1.59	.27	24	.0	0		3	0	0
OWENTON	73.4M	53.2M	63.3M		88	1	39	10	99	0	0	0	0	1.09		.48	10	.0	0		4	0	0
RICHMOND	76.3	53.1	64.7		90	1	37	8	75	1	0	0	0	.64		.31	16	.0	0		3	0	0
SHELBYVILLE	74.9	51.3	63.1	4.5	89	1	38	11+	104	0	0	0	0	.84	-1.65	.45	10	.0	0		2	0	0
WARSAW MARKLAND DAM	74.8	51.7	63.3	5.2	92	1	39	10+	94	1	0	0	0	1.29	-.99	.45	10	.0	0		5	0	0
WAYNESBURG 7 NE	74.3	51.2	62.8		84	3+	35	11	100	0	0	0	0	.74		.56	16	.0	0		2	1	0
WILLIAMSTOWN 3 NW	73.5	53.5	63.5	5.1	86	2	37	10	90	0	0	0	0	1.26	-1.11	.48	9	.0	0		4	0	0
DIVISION			63.2	4.8										.99	-1.30			.0					
* * *																							
EASTERN 04																							
ASHLAND	75.1	50.3	62.7	3.9	87	1	37	8	109	0	0	0	0	1.53	-.37	.68	24	.0	0		4	1	0
BARBOURVILLE	76.3	51.1	63.7		88	1	37	12+	91	0	0	0	0	1.30		.30	16	.0	0		6	0	0
BAXTER	74.3	52.4	63.4		85	5+	38	12+	97	0	0	0	0	4.06		1.66	25	.0	0		6	5	1
BLAINE	75.8	47.5	61.7		89	1	31	9+	136	0	0	2	0	1.18		.84	24	.0	0		3	1	0
CUMBERLAND	76.5	49.3	62.9		84	1	34	11	92	0	0	0	0	3.86		1.00	23	.0	0		6	3	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 134

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

KENTUCKY
OCTOBER 1971

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM																							
GRAYSON 5 SE	75.2	47.8	61.5		87	1	32	9+	138	0	0	2	0	1.62		.58	22	.0	0		4	1	0
HEIDELBERG LOCK 14	76.5	51.7	64.1		86	1	35	8	70	0	0	0	0	1.77	- .26	.51	5	.0	0		5	1	0
HINDMAN 11 NNE	74.5	50.9	62.7		86	2	37	8	102	0	0	0	0	3.22		.80	23	.0	0		6	3	0
HYDEN	74.6	51.9	63.3		86	1	37	12+	93	0	0	0	0	3.43		1.50	5	.0	0		6	3	1
JACKSON	78.5	52.3	65.4		92	1	39	12+	64	1	0	0	0	1.20		.45	24	.0	0		4	0	0
LONDON FAA AP	74.1	51.0	62.6		85	4	35	8	104	0	0	0	0	.64		.29	21	.0	0		2	0	0
MANCHESTER 4 SE	75.2	51.5	63.4		85	4+	34	11	84	0	0	0	0	2.13		.92	5	.0	0		5	1	0
MC KEE																							
MIDDLESBORO	74.5	50.8	62.7		86	1	36	12+	106	0	0	0	0	3.19		.82	16	.0	0		6	3	0
MONTICELLO	76.6	52.6	64.6		86	4	36	11	55	0	0	0	0	1.07		.72	16	.0	0		3	1	0
MOUNT VERNON	76.3	52.5	64.4		86	1	35	8	70	0	0	0	0	.91		.35	16	.0	0		4	0	0
PIKEVILLE	76.2	55.3	65.8		87	4	40	11	48	0	0	0	0	2.65	.56	.79	24	.0	0		5	2	0
SOMERSET 2 N	75.1	51.0	63.1		86	2	34	8	94	0	0	0	0	.44		.22	15	.0	0		2	0	0
STEARNS 1 W	74.9M	49.3M	62.1M				36	8+	102	0	0	0	0	.88		.62	22	.0	0		3	1	0
TOMAHAWK 1 WSW	74.6	48.4	61.5		85	1	34	12+	136	0	0	0	0	2.14		1.10	24	.0	0		5	1	1
VANCEBURG	M	M	M		84	3				0	0	0	0	1.17	- 1.11	.75	24	.0	0		4	1	0
WEST LIBERTY	75.5	49.6	62.6		89	1	37	12+	117	0	0	0	0	1.28		.57	24	.0	0		3	1	0
WILLIAMSBURG 1 E	77.7	52.5	65.1	6.0	85	4+	38	11+	50	0	0	0	0	.93	- 1.42	.41	25	.0	0		4	0	0
DIVISION			63.3	5.0										1.85	- .43			.0					

SPECIAL WEATHER SUMMARY

It was one of the warmer Octobers of record, a foggy month, and in some areas, one of the drier Octobers of record.

Although temperature comparisons over the years are difficult because of change of location of instruments from time to time, indications are that this October was the second warmest of record at Lexington, the sixth warmest of record in the Louisville area, and the second warmest of record in the northeast. At Lexington, the maximum temperatures recorded on the 29th and 30th were record high temperatures for those dates. The 83° temperature recorded on the 30th at Lexington was the highest temperature for so late in the season. There were several days of the month with early morning readings on the cool side. Several stations in the northern Blue Grass and in the northeast and minimum temperatures on one or several days in the range 30° to 32°. A number of locations in the State recorded frost on one or more days. However, over the greater part of Kentucky, temperatures had not dipped to 32° by month's end. Thus, over a good part of the State, the first date of the season with a minimum temperature 32° or lower was at least 1 to 2 weeks later than the long-period average.

Rainfall was below normal over practically all of the State. At a number of locations it was one of the driest Octobers of record, and the driest October since 1963. Many locations had less than 1 inch of rainfall and several locations less than 1/2 inch.

Over much of the State, days with fog and/or smoke or haze totalled from 16 to 24, days with heavy fog limiting visibility of 1/4 mile or less, varying from 2 to 8. At Lexington there were 8 days with heavy fog. The long period October average for Lexington is 2 days. There were a number of automobile accidents, listing fog as a contributing factor.

There were several days with thunderstorms in one or more sections, the most numerous thunderstorms being reported in the western and central sections of the State on the 15th. However, no injuries were reported, and there were relatively few reports of property damage due to lightning.

For further details of these and other events, see the accompanying tables and this month's issue of STORM DATA.

A. B. Elam, Jr.
Climatologist for Kentucky
Room 205, Agricultural Experiment Sta.
University of Kentucky
Lexington, Kentucky 40506

DAILY PRECIPITATION

KENTUCKY
OCTOBER 1971

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	1.41			.02	.01					.03						.82		.09	T			.18	.01		.25							
BEAVER DAM	-				.26					.06						.12						-	-	-	-							
CALHOUN LOCK 2	1.66				.57					.04							.14						.80		.07	.04						
COBB	1.69				.10			T									.15						.62	T	.65	.17						
DAWSON SPRINGS	1.24				.20	T				.10						T	.45						.32			.17						
DUNDEE	1.49				.20					.18													*	*	*	1.11						
DUNMOR	2.87				.53					.13							.73						.60		.40	.48						
ELKTON 2 S	3.34				.73	.11				.02	.03						.45						.56	.28	.24	.92						
FORDS FERRY DAM 50	2.15				.47	.02				.06	T						1.32	.05					.14		.07	.02						
FRANKLIN 1 E	.96				.21												.27						.32	.01	.15							
GILBERTSVILLE KY DAM	.69				.03					.01						.40						.10	T		.15	T						
GOLDEN POND 8 N	-				.16					T	.08					.04	.11						-		-	-						
GREENVILLE 2 W	1.67				.30					.06						.19						.49	.33		.30							
HARTFORD 6 NW	2.63				.18					.11	.03				.02		.28						.87	.01	.39	.71	.03					
HENDERSON 7 SSW	3.18			1.50	.25					.08				T		1.10						.03	.16		.06							
HICKMAN 1 E	2.60			.35	.02					T				T		.67		.46	T		T	T	T		1.10							
HOPKINSVILLE	2.25				.39					.05	.05						.02						.76		.48	.50						
LOVELACEVILLE	3.29			1.55						.04						1.23		.11				.15			.21							
MADISONVILLE 1 SE	1.98				.69					.14							.31						.61	.03	.14	.06						
MAYFIELD RADIO WNGO	1.63	.08			.14											.26						.29			.86							
MURRAY	2.25			.03	.06					.01						.13		.03				.15			1.82	.02						
OWENSBORO 2 W	2.60				.75					.05					.35		.35						.60		.36	.14						
OWENSBORO DAM 46	2.58				.65					T	.02				.40		.38						.65	.02	.17	.29						
PADUCAH FAA AIRPORT	1.79			.26	.02					.06						.85	.01	.10	T			.37	.01	T	.10	.01						
PADUCAH SEWAGE PLANT	2.52				1.14	T				.03							1.04		.05	T		.03	.13		.10	T	T					
PARADISE STEAM PLANT R	1.71				.23					.01	.06						.24						.75	.06	.06	.30						
PRINCETON 1 SE	.96				.05					.16						.23						.21	.08		.23							
ROCHESTER LOCK 3	2.43				.30					.04	.03						.78						.83	.06	.14	.25						
RUSSELLVILLE	3.49				.56	.12				.03	T						1.47					T	.60	.25	.40	.06						
SEBREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNIONTOWN DAM 49 //	1.55				.35					T							.90						.30	T		T						
• • • CENTRAL 02																																
ALBANY 4 N	.85					T											.71						.14									
ANCHORAGE	1.60									.25					.17	.24	.08					.36	.40		.10	T						
BARDSTOWN	.66									.25												.36	.02		.03							
BARREN RIVER RESERVOIR	1.29				T	.06	T				.05						.44						.05	.09	.47	.13	T					
BERNHEIM FOREST	1.03									.33						.02	.04					.33	.24		.07							
BOWLING GREEN	1.60				.03					.03	.07						.08						.37	.04	.82	.16						
BOWLING GREEN FAA AP	1.68			.13	.03	.01			T	.11						.07						.22	.11	.05	.95	T						
BRADFORDSVILLE	1.30																.40	.20					.20		.50							
BROWNSVILLE	1.72				.08	T				.11	.04						.06					T	.33	.27	.75	.08	T					
BURKESVILLE 2 W	.96																.85						.11									
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANEYVILLE	2.13				.11					.20	.09						.27						.47	.10	.75	.14						
CECILIA	2.19				.39					.65					T	.07						.45	.46		.17							
EDMONTON	.72																.62						.10									
GAMALIEL 1 S	1.78					T	T				.10						1.55						.03	T	.10	T	T					
GLASGOW	.67					.04											.20						.25		.18							
GLASGOW WKAY	.70					.02				.07						.11	.12					.03	.22		.13							
GLENDALE 1 E	1.13				T					.25	.12						.05						.43	.10	.18	T						
GREENSBURG	.61										.07						.29						.25	T	T							
GREENSBURG HIWAY 61	.58					T					.05						.29					T	.22		.02							
HODGENVILLE-LINCOLN NP	.89				T					.22						.05	T					.25	.20		.17							
IRVINGTON	1.67				.11					.19						.12	.06					.34	.62		.22	.01						
JAMESTOWN 8 SSW	1.10																.84						.16		.10							
LEITCHFIELD 2 N	2.49				.03					.14	.10						.28	.25					.60	.46	.52		.11					
LIBERTY	1.18	.05									.04						.68						.30		.11							
LOUISVILLE	2.51				T					.26					.09	T	.15					.34	1.51		.16							
LOUISVILLE WSO R	1.96			T	T				T	.27				.10		.13						.39	.88		.19							
LOUISVILLE UPPER GAGE	2.07										.13				.06		.18						.47	1.07	.16							
MAMMOTH CAVE PARK	1.36					.02				.14						.40	T					.04	.13		.54	.09	T					
MILLERSTOWN	1.44				.01	T				.11	.08						.08					T	.45	.06	.65		T					
MUNFORDVILLE	.74									T	.10						.06						.21	.07	.28		.02					
NOLIN RIVER RESERVOIR	1.40				.06	T				.06	.05						.03						.50	.25	.38	.02	.05					
ROUGH RIVER DAM	2.17				.25					T							.60						.85	.07	.40		T					
SCOTTSVILLE 3 SSW	1.13															.68	.15						.11		.19							
SCOTTSVILLE 2 SW	1.13					T											.60					T	.03	.15	.35	T						
SHEPHERDSVILLE	1.63				T						.21				T		.44						.52	.38	.08	T						
SUMMER SHADE	1.08									.06						.88						T	.07		.07							
WOODBURY LOCK 4	2.98				.17					.25	.04						.48						.67	T	.40	.97						
• • • BLUE GRASS 03																																
BEREA COLLEGE	1.97				.05					.07					.72	.43						.58			.12							
BEREA	1.03									T							.68						.24		.11	T						
CARROLLTON LOCK 1	1.50									.15	.22				.10		.30	.25					.19	.18	.11	T						
COVINGTON WSO R	1.44								T	.39				.39		.06	T		T			.04	.02	.13	.41							
CYNTHIANA	.84										.14	.04			.02		T	.01					.18		.38	.07						
CYNTHIANA 2	.80										.16	T					.03	.05	T				.15		.36	.05						
DANVILLE	.73										.03						.44	.03					.21		.02							
DIX DAM	.49										.02						.26						.18			.03						
FALMOUTH 5 WNW	1.29									T	.43				.05		.03	.07					.08		.35	.28						
FARMERS 1 WNW	.93										.10						.24	T					.14	.02	.39	.04	T					
FLEMINGSBURG	.78									T	.06				T		.05	.02					.11	.01	.48	.05						
FLEMINGSBURG 1 SW	.75									.05	.01				T	.02	T	.04				.05	.04	.01	.53	T						
FORD LOCK 10	.68										T						.24	T	T				.34	T	.10	T	T					
FRANKFORT LOCK 4	.66									.05	.20						.09	T					.22		.08	.02						
GEORGETOWN WATER WORKS	.45										.19							.04					.22									
GEST LOCK 3	.82									T	.42				.04		T	.06					.17		.08	.05	T					
HIGH BRIDGE LOCK 7	.45									T	T						.23	T					.20		.02		T					T
KEENE 1 SSW	.76									.26							.08	T					.35		.07							
LA GRANGE 1 ESE	2.36									.33					1.17	.25		T				.32	.22	T	.07							
LANCASTER	.55																		.32				.17				.06					
LEXINGTON WSO R	.52								T	.15						.13	T					.16		.04	.04							T
LITTLE HICKMAN LOCK 8	.68																	.31					.33		.04							
LOCKPORT LOCK 2	1.14									T	.47				.15		.02	.18					.17	T	.07	.08						
MAYSVILLE SEWAGE PLANT	1.15									T	.11				.05		T	T					.06	T	.70	.23	T					
MIDWAY	.50																.25						.19		.06							
MOUNT STERLING	.66									.07	T					.12	T	.03				.16		.01	.27	T						
OWENTON	1.09									T	.48				.11		T	T					.28	T	.20	.02						
RICHMOND	.64										.02						.31	.03				T	.15	.01	.12							
SALVISA LOCK 6	.85									.09	.10						.22	.02					.29		.06	.05	.02					
SHELBYVILLE	.84									.01	.45				.01								.29		.04	.04						
SPRINGFIELD	.50										.15						T						.35									
TAYLORSVILLE	.70									.05	.30						T						.35									
TYRONE LOCK 5	.70										.19				.05		.05	T					.28		.10	.03	T					
VALLEY VIEW LOCK 9	.62					T					.03						.27	.08	T				.14	T	.09	.01						
WARSAW MARKLAND DAM	1.29									T	.45				.27		.20	T					.11	.03	.16	.07						

See reference notes following Station Index

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	.74																.56						.18									
WILLIAMSTOWN 3 NW	1.26								T	.48	T				.13	.01	.05	.01				.12	.03	T	.41	.01	.01					
* * *																																
EASTERN 04																																
ALLEN	2.22											T					.20			T		T	.57	.55	.90	T						
ASHLAND	1.53										.19				.02		.23	T					.35	.03	.68	.02	.01					
BARBOURVILLE	1.30					.23	.13				.05						.30					.04	.19		.22	.14						
BAXTER	4.06					.11	.04				.03						.50						.65	.54	.51	1.66	.02					
BLAINE	1.18										.12						.22						T		.84							
BUCKHORN	1.59					.25					T						.24					T	.30	T	.50	.30	T					
BURDINE 2 NE	3.90					.35											.40						1.10		.35	1.45	.15	.10				
CLAY CITY 1 WNW	1.03						T				.05						.20						.33		.45							
COLLEGE HILL LOCK 11	.71										T						.21		T			T	.26		.24	T	T					
CUMBERLAND	3.86		T			.49	.06	T		.05	T		T	T		T	.45	.03	T			.03	.52	1.00	.75	.38	.05	T	T		.05	
CUMBERLAND FALLS ST PK	.97					.50					T					T	.23					.24				T						T
DEWEY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELKHORN CITY	3.65					.56	.03				.04						.36	.03					.90	.37	1.25	.11						
FISHTRAP RESERVOIR	3.67					.38	.02				.04	T					.30						.75	.64	1.44	.06	.04					
FREEBURN 2 SW	3.63					.16	.02				.08	.04					.36	.25					.85	.23	1.52	.10	.02					
FRENCHBURG	1.20										T						.30						.40	.30	.20							
GRAYSON 5 SE	1.62										.14						.29	.03	T				.58	T	.49	.09						
GRAYSON RESERVOIR	1.44										.05						.16		.03				.40	.07	.67	.06						
HAZARD WATER WORKS	3.27					.65	.16										.45						.60	.35	.73	.28	.05					
HEIDELBERG LOCK 14	1.77	.15				.51					T						.32					T	.33	.36	.05	.05						
HINDMAN 11 NNE	3.22					.56											.47					.14	.76	.80	.44	.05						
HYDEN	3.43					1.50	.01				.02						.50					.03	.43	.20	.55	.19						
JACKSON	1.20					.14					.03						.14						.37	T	.45	.07						
JEREMIAH	3.07					.55				T							.40				.07	.08	.78	.88	.03	.28						
LLOYD GREENUP DAM	1.40									.03	.07				T		.10	.02	T				.20	.24	.56	.18						
LONDON FAA AP	.64				T	.05				T						.17	T					.29		.06	.04	.03						T
LOUISA 2	1.83					T					.04						.18						.42	.22	.97							
MANCHESTER 4 SE	2.13					.92											.18							.35	.48	.20						
MC KEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
META	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLESBORO	3.19					.39	.55				.02						.82					.01	.06	.19	.35	.79	.01					
MONTICELLO	1.07					.18					.02						.72						.12		.03							
MOUNT VERNON	.91									T	.02					.14	.35					.30			.10							
ONEIDA	.98					.30											.11						.15	.31	.11							
PAINTSVILLE 1 S	2.52					T					.04						.43					T	.43	.42	1.20							
PIKEVILLE	2.65				T	.32				T						.01	.26					.02	.74	.47	.79	.04						
PINEVILLE 4 NW	2.19					.41	.02				.03						.25					.02	.06	.16	.23	1.01						
RAVENNA LOCK 12	1.17	.02				T					.05						.45	.02	T				.30		.33	T						
SALYERSVILLE 2 SE	1.47					.62											.22								.63							
SOMERSET 2 N	.44					T				.01	T					.22	.06					.13			.02							
STEARNS 1 W	.88					.14																	.62									.12
TILFORD	4.80						.11										.18				T	T	.99	*	*	3.52						
TOMAHAWK 1 WSW	2.14					.14					.04						.21					T	.49	.16	1.10							
VANCEBURG	1.17										.10												.11	.11	.75	.02					.08	
WEST LIBERTY	1.28										.09						.37						.17	.04	.57	.04						
WILLIAMSBURG 1 E	.93					.21											.21								.10	.41						
WILLOW LOCK 13	1.27					.09					.04						.32				T	T	.36		.39	.07	T	T			T	

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	18	1.6	6.8	23++	18	27	82	87	60	71	3	3	4	0	0	0	10	-	5.5
LEXINGTON WSO	16	1.8	6.9	18++	18	27+	80	86	58	68	3	2	3	0	0	0	8	-	5.5
LOUISVILLE WSO	18	1.4	6.2	21	S	27	84	90	60	66	3	0	5	1	0	0	9	59	5.3

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	91	89	88	72	78	76	74	75	72	64	79	79	80	82	76	82	77	77	80	79	75	74	73	70	69	76	80	82	83	78	72	77.5
	MIN	61	60	63	63	51	47	43	47	52	35	39	39	53	44	52	55	62	59	56	50	58	60	55	60	52	50	54	45	50	50	58	52.4
BEAVER DAM	MAX	88	88	87	80	77	74	71	73	71	64	76	77	78	80	75	75	78	81	81	78					69	73	78	81	82	82	80	77.7
	MIN	63	67	61	62	54	48	41	41	53	37	37	37	49	46	51	60	53	59	54	51					60	47	50	49	50	52	57	51.4
FORDS FERRY DAM 50	MAX	89	86	87	75	78	74	67	73	69	63	76	71	77	80	68	75	75	79	80	80	72	73	70	68	69	75	79	82	82	80	67	75.5
	MIN	65	64	66	62	52	54	50	53	47	42	43	45	54	48	55	61	60	62	59	56	64	61	59	60	55	51	58	52	55	58	54	55.6
GILBERTSVILLE KY DAM	MAX	91	89	86	85	80	78	78	75	75	68	78	79	79	81	81	80	86	80	82	82	75	75	74	74	73	76	79	80	80	78	78	79.2
	MIN	60	65	70	65	59	54	48	40	52	37	47	45	61	52	60	58	62	65	63	56	64	64	62	58	59	56	60	56	57	60	61	57.3
GOLDEN POND 8 N	MAX	89	89	86	85	72	78	76	70	73	70	65	71	70	77	81	69	78	77	80	79	79	69	71	71	66	70	77	79	81	81	80	76.1
	MIN	66	66	65	66	61	52	49	50	54	40	41	41	52	53	58	62	63	64	56	55	56	58	59	61	58	52	54	55	55	56	56	55.9
GREENVILLE 2 W	MAX	87	87	85	83	76	74	70	72	70	66	77	77	76	79	77	72	80	80	80	81	74	70	70	68	69	74	79	81	81	80		76.5
	MIN	62	61	61	63	57	50	44	42	53	37	40	39	50	45	53	60	55	58	54	52	62	63	59	61	60	47	50	49	52	51		53.0
HENDERSON 7 SSW	MAX	89	89	87	76	79	75	67	71	69	66	76	77	76	80	70	72	78	80	80	80	70	74	70	67	71	75	79	81	81	81	72	76.1
	MIN	66	63	65	60	52	52	46	46	50	40	45	38	52	44	56	58	56	60	59	54	64	64	57	59	59	53	55	51	54	56	60	54.6
HICKMAN 1 E	MAX	90	88	87	75	76	78	73	75	70	63	79	80	80	83	76	83	78	77	82	80	73	74	74	72	72	78	80	82	84	80	75	78.0
	MIN	62	62	62	65	59	55	46	49	53	39	40	42	54	46	55	59	62	63	60	57	62	63	57	56	53	52	51	47	53	53	59	54.7
HOPKINSVILLE	MAX	92	89	90	88	76	80	79	72	76	74	68	80	80	76	83	78	80	82	82	82	79	67	71	68	69	69	74	81	82	83	81	78.4
	MIN	65	65	63	63	60	54	48	47	47	39	38	41	46	49	49	59	60	62	57	54	55	64	61	62	60	48	51	53	53	54	54	54.2
LOVELACEVILLE	MAX	91	90	90	73	80	70	71	76	68	66	80	82	80	83	76	83	76	78	83	81	70	76	75	70	71	78	80	84	85	81	71	78.0
	MIN	60	60	60	60	50	46	45	45	51	34	36	38	50	41	51	54	60	60	53	50	60	60	57	60	52	51	55	45	50	52	57	51.7
MADISONVILLE 1 SE	MAX	88	89	88	85	78	75	72	73	71	65	75	78	77	81	79	77	78	81	81	81	78	72	70	67	67	75	79	82	82	80	78	77.5
	MIN	61	60	59	60	53	52	42	41	50	37	42	37	49	43	49	57	53	55	52	48	59	61	53	59	56	46	50	41	49	49	56	50.9
MAYFIELD RADIO WNGO	MAX	91	89	87	85	79	78	76	72	72	63	78	81	81	81	81	85		78		75		71	71		67	78	79	82	82	81	75	78.4
	MIN	62	61	61	64	57	50	44	46	52	44	40	42	52	44	57	52		56		51		63	55		54	48	56	46	51	50	49	52.1
MURRAY	MAX	87	86	86	77	77	76	70	75	68	64	76	77	77	80	72	80	79	79	79	78	69	73	73	68	69	75	78	80	82	79	73	76.2
	MIN	64	64	63	66	60	55	50	48	55	41	42	46	55	50	58	61	61	62	57	55	63	64	58	60	57	49	55	52	56	55	58	56.1
OWENSBORO 2 W	MAX	91	90	89	78	79	75	70	71	70	65	77	80	77	80	71	75	80	83	85	82	75	74	70	68	70	75	80	83	84	82	75	77.5
	MIN	65	62	62	62	53	51	45	44	50	39	41	38	44	47	53	56	58	60	56	55	63	63	57	60	58	49	54	48	53	53	58	53.5
PADUCAH FAA AIRPORT	MAX	88	87	86	73	77	75	72	74	68	64	80	78	77	82	72	79	74	77	81	79	69	73	73	69	69	75	80	81	81	78	68	76.1
	MIN	64	64	66	59	51	50	45	51	43	39	44	40	51	43	56	59	61	61	58	55	64	60	55	57	54	50	58	50	51	55	53	53.8
PADUCAH SEWAGE PLANT	MAX	90	89	89	89	74	78	75	70	79	67	65	80	78	79	82	69	79	73	79	81	80	69	74	74	70	69	74	80	82	83	80	77.4
	MIN	65	63	63	64	55	54	50	49	49	41	41	42	41	48	47	60	59	62	58	54	56	64	58	59	58	51	50	50	49	53	55	53.8
PRINCETON 1 SE	MAX	90	88	86	84	78	76	73	76	72	65	77	79	77	81	78	78	78	81	81	80	77	72	71	67	70	76	79	82	82	80	79	77.8
	MIN	63	62	64	63	57	52	46	45	53	38	41	41	55	48	55	56	59	62	58	53	63	63	58	61	58	49	54	50	54	54	56	54.5
ROCHESTER LOCK 3	MAX	87	87	85	85	74	75	73	66	74	67	63	75	76	75	78	68	75	77	80	79	79	66	68	69	70	67	72	78	80	80	80	75.1
	MIN	63	62	61	61	60	53	44	43	46	42	42	41	41	50	48	54	55	55	53	52	53	63	58	60	61	49	49	50	50	51	52	52.3
RUSSELLVILLE	MAX	89	88	87	85	75	75	76	70	74	68	65	75	78	75	80	72	79	80	80	80	79	68	70	70	69	67	74	78	82	81	80	76.4
	MIN	62	60	61	64	59	54	44	43	50	39	40	41	42	50	52	58	59	60	55	55	58	62	61	59	51	46	47	56	52	52	52	53.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	86	85	85	81	76	71	68	67	65	60	73	74	76	77	80	72	75	75	80	83	77	65	70	69	68	67	77	81	81	81	75	74.8
	MIN	63	59	59	55	54	51	44	38	50	37	40	37	47	46	51	57	55	53	52	51	59	55	58	59	53	53	46	48	49	50	58	51.2
BARDSTOWN	MAX	86	86	86	85	76	74	69	71	68	61	75	75	78	80	77	70	72	79	81	84	76	70	70	69	76	70	79	82	83	82	76	76.3
	MIN	60	55	58	63	56	51	42	36	51	39	38	36	47	47	48	54	55	53	50	54	60	60	59	61	53	51	47	51	48	49	57	51.3
BARREN RIVER RESERVOIR	MAX	90	89	90	88	78	78	78	69	74	67	65	76	80	77	84	70	79	79	74	79	83	69	74	74	71	66	72	81	82	82	82	77.4
	MIN	63	59	59	60	60	53	42	41	49	40	39	43	42	50	49	58	54	56	54	52	56	61	59	62	58	52	50	53	53	52	55	52.7
BERNHEIM FOREST	MAX	90	88	87	86	78	77	74	70	68	62	76	76	79	81	80	75	77	79	83	84	82	70	72	70	70	70	78	83	82	82	81	77.7
	MIN	61	57	59	62	54	50	42	36	52	36	39	37	45	46	49	56	56	52	52	50	60	61	60	62	53	49	44	50	49	49	58	51.2
BOWLING GREEN FAA AP	MAX	88	88	88	78	77	75	67	75	69	63	76	79	78	81	69	77	78	81	80	80	67	71	71	69	66	74	78	82	80	81	75	76.2
	MIN	63	60	60	63	62	51	44	41	48	40	41	41	50	48	54	60	55	58	52	52	61	63	61	63	52	49	45	49	51	50	59	53.1
BRADFORDSVILLE	MAX	90	88	86	87	80	79	76	67	72	70	64	74	78	78	81	68	69	71	78	81	85	69	75	71	70	70	75	79	83	84	84	76.8
	MIN	60	61	53	63	51	48	37	35	58	36	34	35	45	46	57	53	56	50	48	50	57	58	63	62	57	52	42	45	45	47	52	50.2
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	85	86	87	81	80	73	70	70	68	64	75	75	77	79	78	75	76	78	80	83	78	73	71	72	69	69	78	80	80	81	76	76.4
	MIN	57	62	61	57	51	49	45	36	52	37	43	36	46	45	49	53	55	54	50	53	62	61	63	61	57	49	47	46	50	50	59	51.5
GLASGOW WKAY	MAX	86	85	86	79	76	76	68	72	67	62	74	78	76	80	72	75	74	77	78	82	73	70	72	68	66	71	78	81	82	79	76	75.5
	MIN	63	58	59	62	60	50	41	40	52	40	36	40	51	46	51	55	52	57	52	50	59	60	60	61	54	49	45	50	51	50	56	51.9
GREENSBURG	MAX	91	88	87	88	88	80	78	70	72	65	63	76	80	77	87	67	75	74	78	77	83	69	73	76	74	70	74	80	80	83	83	77.6
	MIN	63	58	58	61	62	52	43	39	40	43	37	39	41	49	48	55	56	54	52	51	50	60	60	61	56	56	46	46	50	50	49	51.1
HODGENVILLE-LINCOLN NP	MAX	89	86	88	86	76	75	75	71	70	61	75	77	79	80	80	70	75	78	81	83	81	68	73	72	69	70	77	80	82	82	80	77.1
	MIN	60	55	60	62	56	49	40	39	51	37	39	38	50	49	52	57	54	55	53	50	60	61	61	61	55	49	50	52	50	51	59	52.1
IRVINGTON	MAX	89	87	87	82	75	74	72	68	68	66	73	73	77	78	78	75	75	77	79	82	79	70	68	71	71	72	77	80	81	80	80	76.3
	MIN	60	58	57	61	51	48	39	36	50	34	37	34	44	43	43	59	54	55	51	50	60	62	60	61	59	48	47	46	49	47	55	50.3
JAMESTOWN 8 SSW	MAX																																
	MIN																																
LEITCHFIELD 2 N	MAX	88	86	87	80	76	73	66	72	70	62	76	79	78	80	70	75	74	78	80	83	68	72	70	73	71	70	77	82	80	80	74	75.8
	MIN	61	59	60	65	56	53	42	38	55	38	41	37	48	45	48	60	47	55	52	48	58	60	62	58	56	48	44	47	48	48	53	51.3
LOUISVILLE	MAX	88	88	86	85	79	75	73	69	69	61	73	73	77	80	79	77	75	79	81	85	85	68	72	72	71	71	80	80	80	81	81	77.2
	MIN	68	59	66	64	57	55	49	44	52	41	47	45	50	42	56	61	59	57	58	55	64	62	61	62	59	55	52	54	53	52	64	55.6
LOUISVILLE WSO	MAX	87	87	87	80	76	73	64	69	67	62	74	73	79	77	75	74	74	78	79	82	68	68	72	70	70	70	78	80	80	80	73	75.0
	MIN	66	62	62	60	55	55	45	40	51	39	43	40	47	51	52	59	57	55	56	54	63	63	62	63	55	53	49	52	52	51	57	53.8

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
OCTOBER 1971

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAMMOTH CAVE PARK	MAX	88	88	86	86	77	75	73	72	66	62	69	78	77	80	78	76	75	79	80	83	78	68	73	71	69	69	79	81	82	82	76	76.6
	MIN	60	60	57	60	56	48	38	40	52	36	46	41	38	49	51	58	53	56	51	49	57	60	61	62	55	47	47	52	52	51	62	51.8
NOLIN RIVER RESERVOIR	MAX	91	90	88	88	77	77	76	69	73	67	64	76	78	78	82	73	77	75	80	82	83	67	70	74	73	66	71	79	83	82	82	77.1
	MIN	60	57	56	56	57	47	39	38	48	36	37	40	41	48	48	49	52	55	61	49	50	61	61	61	55	49	45	49	48	49	47	50.0
ROUGH RIVER DAM	MAX	90	88	87	86	75	76	75		71	67	63	75	76	77	80	72	74			81	82	68	72	71	74	69	73	78	82	82	82	76.6
	MIN	61	59	59	60	54	51	42	42	45	35	35	39	39	49	50	54	55	56	55	52	52	60	59	58	57	51	51	52	51	52	53	51.2
SCOTTSVILLE 3 SSW	MAX	86	87	87	80	78	76	70	72	68	63	77	80	76	80	74	76	78	78	78	80	75	72	71	70	66	71	78	81	81	81	75	76.3
	MIN	64	61	64	64	60	54	45	45	55	40	41	49	55	54	60	60	58	61	58	57	61	61	67	61	59	50	52	58	59	58	62	56.5
SUMMER SHADE	MAX	85	85	85	78	74	75	65	75	66	61	71	75	75	78	75	75	75	76	77	80	67	71	74	74	69	72	77	80	80	81		75.0
	MIN	60	60	58	60	60	48	40	42	52	38	37	41	50	46	52	54	53	58	51	50	60	60	62	62	59	53	48	52	50	51		52.2
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	84	85	84	83	72	76	70	71	70	60	70	76	74	79	74	65	68	76	76	81	74	75	76	68	68	72	76	79	80	82	77	74.9
	MIN	62	64	62	64	62	56	47	40	50	44	44	44	46	56	54	56	60	54	48	59	61	59	60	62	57	47	44	58	52	55	61	54.5
CARROLLTON LOCK 1	MAX	87	85	85	84	78	73	68	68	68	59	71	69	77	75	78	68	73	73	77	80	80	67	70	70	72	70	77	79	80	80	78	74.8
	MIN	63	59	60	63	53	53	41	39	51	37	43	39	44	50	48	59	58	57	54	52	60	60	59	62	57	53	47	51	48	48	57	52.4
COVINGTON WSO	MAX	84	84	82	78	74	70	61	65	64	57	68	67	76	71	76	67	73	70	75	78	68	69	68	63	70	67	74	76	77	79	72	71.7
	MIN	61	59	60	55	50	50	40	38	47	37	41	37	47	42	50	54	53	57	54	54	59	60	59	58	54	48	50	51	51	52	53	51.0
CYNTHIANA 2	MAX	89	86	87	86	81	76	75	65	70	53	57	72	74	76	77	76	68	67	77	79	82	79	74	70	65	68	72	75	81	80	82	74.8
	MIN	58	57	57	62	53	52	45	33	35	39	40	33	40	43	43	46	55	55	45	46	60	58	56	58	54	52	42	43	43	44	46	48.2
DANVILLE	MAX	90	86	87	85	81	77	75	67	70	68	60	73	78	76	80	69	65	68	78	80	82	67	78	69	70	70	73	78	81	81	82	75.6
	MIN	63	61	61	61	62	56	45	38	38	38	42	42	42	52	52	52	59	53	52	52	53	56	58	58	57	55	49	49	52	52	52	52.0
DIX DAM	MAX	88	84	86	84	78	75	74	71	70	58	68	72	72	78	77	66	66	77	79	82	81	75	75	75	69	72	76	82	82	82	82	76.0
	MIN	61	61	65	65	61	55	46	39	52	44	42	45	46	44	53	56	59	54	51	58	59	60	58	62	57	56	50	53	50	52	56	53.9
FALMOUTH 5 WNW	MAX	89	86	85	82	76	73	66	68	65	59	72	72	75	76	78	67	72	77	78	81	76	74	71	68	69	72	75	80	78	80	79	74.8
	MIN	58	54	56	58	57	45	37	31	49	32	37	30	38	47	44	52	48	48	43	47	54	58	56	59	55	46	45	43	40	44	50	47.1
FARMERS 1 WNW	MAX	85	83	84	80	75	74	69	70	70	58	70	72	73	77	68	69	69	79	78	80	78	73	71	68	63	75	77	82	81	83	74	74.5
	MIN	62	60	62	60	60	51	42	34	50	45	37	38	43	55	55	56	59	53	49	51	53	60	58	60	57	53	40	59	45	45	54	51.8
FLEMINGSBURG 1 SW	MAX	82	83	85	80	75	72	65	67	65	55	71	72	75	75	71	67	66	68	78	80	70	73	69	65	63	71	75	80	79	80	80	72.8
	MIN	61	60	61	62	57	53	44	34	48	40	40	35	44	46	46	57	54	50	45	55	57	59	57	59	55	46	46	49	51	46	54	50.7
FRANKFORT LOCK 4	MAX	92	88	88	86	86	76	74	68	70	58	60	74	76	76	79	76	76	70	79	79	82	70	75	75	67	75	72	78	83	82	83	76.5
	MIN	63	56	56	61	56	54	46	38	39	40	41	40	40	46	49	49	50	56	53	54	59	60	60	62	56	53	48	48	49	49	50	51.0
LEXINGTON WSO	MAX	86	87	86	78	76	74	63	71	63	59	74	76	79	79	76	68	68	78	79	83	70	75	70	67	69	72	77	82	81	83	77	75.0
	MIN	61	60	62	63	58	53	45	40	46	42	42	42	52	51	54	58	58	56	52	59	61	62	60	61	56	52	51	55	53	55	62	54.3
MAYSVILLE SEWAGE PLANT	MAX	89	87	87	87	80	76	73	64	69	65	57	73	73	77	76	74	70	68	78	78	81	71	73	69	65	67	73	75	80	80	80	74.7
	MIN	61	60	59	63	55	52	45	40	42	41	42	36	42	46	48	51	56	55	54	49	48	56	59	61	56	53	51	49	46	47	50	50.7
MOUNT STERLING	MAX	85	83	83	82	76	74	69	68	68	56	71	74	74	76	72	65	66	77	78	80	70	74	70	65	64	72	75	79	80	81	80	73.8
	MIN	63	62	63	64	61	55	45	38	49	43	40	41	49	52	53	55	59	54	49	57	58	60	60	60	59	50	48	54	50	52	56	53.5
OWENTON	MAX	88		85	84	79	75	72	63	69	59	56	70	71	75	74	80	69	73	76	77	80	69	75	70	65	70	67	75	78	79	79	73.4
	MIN	64		65	63	54	53	41	41	46	39	42	44	46	50	51	59	57	59	55	57	58	59	55	57	57	53	52	53	55	54	56	53.2
RICHMOND	MAX	90	84	88	88	81	80	79	67	74	70	60	75	79	78	81	69	65	66	79	79	81	67	78	67	69	70	75	78	83	82	84	76.3
	MIN	64	61	61	62	60	51	43	37	48	41	39	41	44	50	55	56	58	55	53	55	59	58	59	60	57	54	50	51	53	55	57	53.1
SHELBYVILLE	MAX	89	85	86	85	78	76	74	65	69	58	60	73	72	76	77	79	73	71	77	79	82	69	70	71	69	71	69	76	82	79	81	74.9
	MIN	63	58	59	61	53	52	44	41	42	38	38	39	39	46	46	54	55	55	55	55	57	60	60	60	54	51	49	49	52	52	52	51.3
WARSAW MARKLAND DAM	MAX	92	85	87	85	80	77	72	65	70	61	59	71	72	77	75	80	69	74	72	78	81	70	69	72	66	73	70	78	79	79	82	74.8
	MIN	64	60	62	62	52	53	47	40	39	39	42	43	46	48	47	47	57	57	55	54	56	62	61	57	57	53	49	47	49	48	50	51.7
WAYNESBURG 7 NE	MAX	82	84	84	79	75	72	68	69	69	56	70	75	75	75	72	66	69	77	78	80	72	78	77	70	67	72	76	79	80	80	78	74.3
	MIN	61	61	57	59	59	49	42	36	47	39	35	39	47	51	51	54	55	54	50	54	57	55	56	58	54	51	46	51	52	51	56	51.2
WILLIAMSTOWN 3 NW	MAX	83	86	85	79	75	72	64	68	65	57	70	72	75	74	78	66	73	74	75	79	74	73	70	66	70	69	75	77	78	80	78	73.5
	MIN	62	59	63	62	54	53	42	41	49	37	42	42	49	47	54	58	52	57	55	59	58	59	59	59	57	50	49	55	57	56	61	53.5
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	87	85	80	85	80	78	74	64	70	72	59	72	73	78	76	75	73	72	78	80	80	77	72	67	65	63	69	78	82	80	83	75.1
	MIN	61	61	60	62	61	51	41	37	40	47	39	40	43	46	46	50	58	50	47	47	49	55	60	61	57	51	47	48	46	46	52	50.3
BARBOURVILLE	MAX	88	87	85	85	85	72	76	66	72	68	59	72	78	76	80	74	78	79	79	81	81	69	70	68	74	63	74	78	82	83	83	76.3
	MIN	65	63	60	60	61	54	45	39	40	48	37	37	41	44	48	48	56	53	53	50	50	56	57	61	60	55	47	47	49	50	50	51.1
BAXTER	MAX	85	81	80	83	85	72	75	65	70	63	57	70	76	73	79	79	78	77	73	81	77	70	68	65	72	61	71	76	80	81	80	74.3
	MIN	62	65	63	63	63	50	46	40	40	50	38	38	44	48	49	50	58	55	54	53	52	55	60	61	60	52	50	48	52	52	52	52.4
BLAINE	MAX	89	84	82	85	86	78	75	65	70	72	59	70	76	78	78	74	72	76	78	81	81	76	72	66	68	62	71	78	83	81	83	75.8
	MIN	55	61	61	58	60	49	41	31	31	48	35	37	37	38	42	42	51	50	46	46	47	56	59	60	59	53	44	44	43	44	44	47.5
CUMBERLAND	MAX	84	76	83	82	81	74	78	67	67	63	67	75	75	77	79	80	76	73	82	81	78	80	75	73	73	69	78	79	82	82	81	76.5
	MIN	50	65	60	58	63	48	40	35	56	47	34	38	43	45	42	53	50	46	43	47	48	52	57	58	56	60	45	43	48	48	51	49.3
DEWEY DAM	MAX																																
	MIN																																
GRAYSON 5 SE	MAX	87	84	82	85	83	77	75	65	70	72	58	71	74	77	77	76	72	73	78	80	80	77	72	67	64	62	71	77	81	80	83	75.2
	MIN	61	60	59	59	60	49	40	32	32	47	35	36	37	40	42	43	57	49	46	46	47	54	59	60	58	53	43	43	44	43	47	47.8
HEIDELBERG LOCK 14	MAX	86	84	84	82	81	75	73	69	70	69	70	75	76	78	78	72	73	77	77	79	79	74	74	71	71	73	79	79	80	81	82	76.5
	MIN	63	62	59	60	63	51	42	35	53	47	36	39	43	50	47	57	59	53	51	48	52	60	60	62	60	52	46	48	46	46	53	51.7
HINDMAN 11 NNE	MAX	85	86	83	83	74	77	65	69	67	64	70	75	77	76	74	73	74	74	74	78	76	70	70	71	72	73	76	75	75	76	76	74.5
	MIN	60	62	65	61	58	54	44	37	49	49	38	40	43	48	49	48	48	54	50	48	51	58	61	60	57	48	50	48	47	46	47	50.9
HYDEN	MAX	86	82	80	84	84	72	73	63	69	66	67	69	76	77	75	84	75	77	75	76	79	69	71	67	72	64	70	76	78	78	80	74.6
	MIN	61	64	63	62	61	53	44	40	40	50	37	37	41	45	49	49	59	55	52	51	51	55	59	61	61	57	54	48	49	51	50	51.9
JACKSON	MAX	92	89	84	88	86	76	79	70	75	72	63	74	81	81	83	70	77	78	81	85	84	71	75	67	76	64	75	82	86	84	87	78.5
	MIN	66	64	64	65	63	54	45	39	39	49	39	39	44	47	47	49	59	56	52	50	50	58	61	62	60	53	49	48	49	50	50	52.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Continued

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONOON FAA AP	MAX	83	84	84	85	72	76	64	68	71	58	70	77	75	78	68	72	73	78	77	82	68	72	66	70	63	72	77	79	80	80	76	74.1
	MIN	63	62	59	61	57	48	40	35	52	40	37	39	46	50	47	57	53	50	49	54	59	57	61	62	52	49	43	49	48	48	54	51.0
MANCHESTER 4 SE	MAX	83	83	85	85	79	75	73	69	70	64	70	71	71	78	75	75	70	78	78	78	75	71	69	70	69	71	76	80	81	81	77	75.2
	MIN	64	63	57	59	62	51	42	36	52	47	34	40	42	47	47	58	55	53	51	48	52	58	60	61	59	55	45	48	50	49	50	51.5
MC KEE	MAX																																
	MIN																																
MIODLESBORO	MAX	86	84	84	84	84	73	74	66	70	63	59	69	75	70	77	79	79	76	75	78	77	71	68	66	74	62	70	75	79	80	81	74.5
	MIN	62	61	59	59	60	54	42	39	40	50	36	36	41	45	47	49	55	53	51	51	53	59	61	61	60	51	47	46	50	49	49	50.8
MONTICELLO	MAX	84	85	84	86	72	77	70	74	72	60	73	80	77	81	74	73	73	79	77	83	75	78	73	72	68	75	78	80	84	83	75	76.6
	MIN	62	58	58	60	63	50	42	38	53	44	36	42	51	52	52	55	56	53	52	53	59	53	60	61	60	54	48	54	48	49	55	52.6
MOUNT VEPNON	MAX	86	85	85	82	82	77	71	70	72	56	72	76	76	79	77	66	71	80	80	82	78	77	71	73	68	73	77	80	82	82	80	76.3
	MIN	60	61	58	60	64	54	42	35	50	43	41	40	50	53	49	54	57	53	47	57	59	58	59	60	57	54	48	51	49	49	56	52.5
PIKEVILLE	MAX	81	79	85	87	77	78	69	71	65	58	74	80	80	80	80	74	79	79	80	82	74	69	66	73	66	67	82	82	83	85	77	76.2
	MIN	66	67	66	66	64	55	47	42	51	51	40	45	48	51	53	60	61	55	52	51	55	60	63	62	60	57	51	52	55	52	55	55.3
SOMERSET 2 N	MAX	83	86	85	82	78	75	70	70	70	58	69	76	73	78	73	71	71	78	76	80	77	77	72	70	67	72	77	80	76	82	75	75.1
	MIN	58	59	60	60	61	50	41	34	51	45	37	40	47	42	48	55	55	52	48	53	56	54	61	60	52	59	43	51	48	47	55	51.0
STEARNS 1 W	MAX	83	75	76			75	65	73	72	70	71	73	74	79	75	76	76	74	75	82	77	76	67	71	65		75	80	82	81	78	74.9
	MIN	59	56	55			41	36	36	40	42	38	43	46	47	51	51	53	54	53	55	54	54	57	57	52		49	48	49	51	54	49.3
TOMAHAWK 1 WSW	MAX	85	81	79	82	82	74	75	65	70	69	68	70	72	78	76	75	70	72	77	80	79	75	70	70	69	65	67	78	78	79	82	74.6
	MIN	63	62	62	60	58	50	43	35	35	49	34	34	38	40	44	44	53	51	46	45	45	56	60	60	60	56	44	42	44	44	44	48.4
VANCEBURG	MAX	82	81	84						68	55						83	76	74	72	73	78	73	67	66	75	77		77	75	79	77	
	MIN	60	61	58						50	43						45	49		50	55	46	48	61	61	53	48		48	48	55	56	
WEST LIBERTY	MAX	89	85	82	84	82	77	75	66	70	72	64	70	76	75	75	73	73	70	75	80	75	73	75	70	68	65	75	78	82	81	84	75.5
	MIN	64	62	62	62	62	51	43	37	37	49	37	37	39	42	45	45	55	50	50	49	49	58	60	61	51	51	45	45	46	46	47	49.6
WILLIAMSBURG 1 E	MAX	85	85	85	85	82	77	73	71	72	71	77	79	78	79	77	80	75	79	80	81	77	72	72	73	69	72	79	80	81	82	80	77.7
	MIN	61	62	61	62	63	51	42	38	40	49	38	44	51	48	49	59	56	52	53	51	50	56	61	60	58	59	46	52	50	51	54	52.5

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.16	.19	.13	.16	.10	.18	.21	.18	.09	.07	.16	.13	.16	.16	.13	.06	.06	.03	.09	.10	.13	.03	.04	.03	.08	*	.12	.13	.10	.13	.08	3.42
	WINO	14	16	17	34	22	37	54	34	62	34	55	64	31	76	34	16	17	11	21	15	23	15	10	13	9	15	22	67	19	14	32	903
* * * 8LUE GRASS 03																																	
OIX OAM	EVAP	.10	*	.25	.15	.10	.20	.20	.10	.12	.03	-	-	-	-	-	*	*	.86	.10	.20	.10	.05	*	.18	*	*	.08	.10	.10	-	-	3.908
	WINO	16	*	36	12	28	26	74	25	38	39	42	62	40	25	10	21	*	29	9	95	75	54	*	99	14	11	9	42	10	33	-	10068
	MAX	90	83	-	86	79	76	73	69	68	61	-	-	-	76	72	-	-	77	78	78	80	67	66	66	76	66	73	74	79	-	78	74.6
	MIN	69	66	-	68	63	56	59	46	45	45	-	-	-	46	48	-	-	42	58	56	56	58	57	57	60	58	53	52	56	-	52	55.3
* * * EASTERN 04																																	
8UCKHORN	EVAP	.14	.08	.15	.11	.08	.08	.18	.11	.11	.08	.12	.14	.12	.08	.12	.00	.06	.08	-	.09	.10	-	.01	*	.04	*	.07	.09	.11	.07	.11	2.708
	WINO	5	10	5	7	14	12	23	18	16	34	33	41	15	22	18	7	9	4	8	9	18	1	4	0	6	4	8	31	4	6	6	398
	MAX	101	98	93	88	86	81	89	81	81	78	72	71	78	84	87	78	85	80	79	91	89	78	83	78	81	64	75	85	88	89	89	83.2
	MIN	70	69	68	68	67	60	53	50	49	53	45	45	50	55	56	57	60	63	62	58	57	59	62	63	62	59	57	55	57	60	59	58.3

EXTREMES

HIGHEST TEMPERATURE 4 STATIONS	92	OATE	01
LOWEST TEMPERATURE FALMOUTH 5 WNW	30	OATE	12
GREATEST TOTAL PRECIPITATION TILFORO	4.80		
LEAST TOTAL PRECIPITATION SOMERSET 2 N	.44		
GREATEST 1 OAY PRECIPITATION MURRAY	1.82	OATE	24

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN																																		
	4	MAX	77	76	75	74	78	71	70	68	65	64	61	63	64	65	66	63	65	66	66	67	67	66	66	66	66	66	64	65	65	65	65	67.3
		MIN	72	71	70	71	69	66	64	62	63	61	57	57	60	62	62	62	63	63	63	63	65	65	66	66	64	64	61	62	62	62	65	64.0
	20	5PM	73	73	72	72	72	71	70	69	68	67	66	65	64	65	65	65	65	65	66	65	66	66	66	66	66	66	66	66	65	65	65	67.1
BEREA COLLEGE																																		
	4	MAX	79	78	76	79	77	75	73	74	73	66	65	65	65	67	68	66	66	68	69	68	68	68	70	69	69	69	70	69	68	68	69	70.1
		MIN	75	74	74	74	74	70	69	67	64	64	62	62	62	65	65	66	66	65	66	66	67	67	68	68	68	68	65	68	65	65	68	67.3
	20	5PM	74	75	75	75	75	75	74	72	72	71	70	69	69	69	69	70	69	69	69	69	69	69	69	69	70	69	69	69	69	69	69	70.6
CUMBERLAND GAP PARK																																		
	4	MAX	75	74	72	73	73	71	72	66	63	63	62	61	61	64	64	67	67	67	67	66	65	65	65	66	65	65	66	65	66	65	65	66.6
		MIN	71	71	70	70	70	68	63	61	61	61	57	57	59	60	60	63	64	64	64	63	63	64	64	65	63	62	62	62	62	61	61	63.4
	20	5PM	71	71	71	72	71	71	70	68	68	67	66	65	65	65	65	65	65	65	66	66	65	65	65	65	66	65	65	65	65	65	65	66.7
FLEMINGSBURG 1 SW																																		
	4	MAX	78	77	77	76	75	72	70	68	65	63	63	64	64	66	66	64	65	65	67	67	67	65	67	65	66	64	65	66	65	66	65	67.5
		MIN	72	72	72	72	70	67	64	61	63	60	59	58	60	62	61	63	64	62	62	63	64	64	65	64	64	62	61	62	61	62	63	63.8
	20	6PM	70	70	70	70	70	69	68	67	67	65	64	64	63	63	63	63	63	63	63	63	64	64	64	64	64	64	63	63	63	63	63	65.1
GLASGOW WKAY																																		
	4	MAX	75	74	74	74	72	72	69	67	65	65	64	64	64	66	66	64	66	67	67	67	67	66	66	67	67	66	66	66	66	66	67	67.5
		MIN	72	71	71	71	71	68	64	63	65	64	60	61	62	62	63	63	64	65	64	64	65	65	66	66	66	64	62	63	63	63	64	65.0
	20	6PM	71	71	71	71	70	70	69	68	68	67	66	65	65	65	65	65	65	66	66	66	65	65	65	66	66	65	65	65	65	65	65	66.7
GREENVILLE 2 W																																		
	4	MAX	79	78	79	77	81	76	73	72	69	70	67	67	69	67	68	77	71	72	72	73	70	70	71	69	68	70	70	69	70	70	-	71.8
		MIN	75	74	74	74	73	70	68	67	66	64	62	62	65	63	65	67	67	68	68	67	69	68	68	68	67	65	67	65	65	65	-	67.5
	20	5PM	73	73	73	73	73	72	71	70	70	69	68	67	67	67	67	67	67	63	63	67	68	68	73	67	68	67	67	66	67	67	-	68.6
HENDERSON 7 SSW																																		
	4	MAX	77	77	78	76	76	73	72	70	68	68	66	65	65	66	65	66	67	67	69	68	68	69	68	68	67	67	67	67	67	67	67	69.1
		MIN	75	76	76	74	72	70	69	67	67	66	64	64	65	65	65	65	66	67	67	68	68	68	68	67	67	67	67	66	67	67	67	68.0
	20	6PM	72	73	73	73	72	71	70	70	69	69	68	67	67	67	67	67	67	67	67	67	68	68	68	68	68	67	67	67	67	67	67	68.5
IRVINGTON																																		
	4	MAX	78	79	78	76	75	72	71	68	63	64	64	63	64	66	67	67	68	67	68	69	69	67	66	67	67	67	66	65	65	65	65	68.3
		MIN	72	72	72	72	68	66	63	61	63	59	58	57	60	60	61	63	66	65	64	68	66	66	66	66	67	66	65	65	65	65	65	64.9
	20	4PM	69	70	70	69	69	68	67	61	66	64	63	62	62	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	64.3
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	86	85	88	83	79	81	72	74	64	63	74	80	76	82	71	65	68	-	-	80	70	77	69	68	69	73	74	81	81	81	74	75.4
		MIN	65	62	63	64	59	55	50	44	48	45	43	44	52	51	53	57	54	-	-	56	59	60	61	62	57	53	51	53	53	55	59	54.8
	2	MAX	83	82	83	80	77	77	70	70	63	62	70	77	73	78	69	67	67	-	-	77	69	75	68	68	68	71	71	76	77	77	74	73.1
		MIN	67	64	64	66	62	58	53	48	51	48	46	47	53	54	55	58	57	-	-	57	60	62	63	63	60	56	54	55	56	57	61	57.1
	4	MAX	80	78	78	76	74	73	67	70	62	60	66	69	68	75	66	65	67	-	-	-	68	71	67	67	67	68	68	72	73	72	70	69.9
		MIN	68	67	67	68	65	61	57	52	55	52	50	51	56	56	58	60	56	-	-	-	62	62	64	64	62	58	56	57	58	59	62	59.4
	8	MAX	77	75	76	74	72	71	67	65	63	59	64	66	66	70	64	65	67	-	-	68	66	67	66	66	65	65	65	66	66	67	67	67.4
		MIN	69	69	68	69	67	63	60	56	58	55	53	54	58	59	60	61	54	-	-	62	64	64	65	65	64	62	61	61	62	62	63	61.7
(SOD)	1	MAX	75	74	88	74	73	71	67	65	65	63	64	65	65	66	64	65	66	68	67	67	67	69	66	66	66	67	66	67	67	67	67	68.0
		MIN	69	68	69	69	69	66	63	60	61	60	58	57	60	60	60	62	63	62	62	62	63	64	64	64	63	61	60	60	60	61	62	62.6
	2	MAX	75	74	83	74	73	71	67	65	65	63	64	65	65	70	64	65	65	68	67	67	66	68	66	66	66	67	65	67	67	67	67	67.8
		MIN	71	70	69	71	69	67	64	61	62	60	59	58	60	60	61	62	63	62	62	63	63	64	65	65	64	62	61	61	61	61	63	63.4
	4	MAX	75	75	74	74	73	71	69	66	66	64	64	64	64	66	65	65	65	67	66	67	66	67	66	66	66	66	65	66	66	66	66	67.3
		MIN	72	71	70	72	70	69	65	62	63	62	60	60	61	61	62	62	63	63	63	63	64	64	65	65	64	62	61	61	61	62	62	64.0
	8	MAX	73	72	72	73	72	71	69	67	66	65	64	64	64	65	64	64	65	66	66	65	65	66	66	66	66	65	64	65	65	65	65	66.6
		MIN	71	69	69	71	69	69	67	65	65	64	62	61	62	63	63	63	64	64	64	64	64	65	65	65	65	64	63	63	63	63	63	64.9
	20	7PM	69	70	70	70	69	70	69	69	68	67	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	64	64	64	63	63	66.1
	40	7PM	68	68	68	69	69	69	69	70	69	68	68	67	66	67	66	66	66	66	66	66	65	65	65	65	65	65	65	65	65	64	63	66.5
MAYFIELD RADIO WNGO																																		
	4	MAX	78	80	79	78	79	74	74	71	71	70	[illegible]	71	71	[illegible]	71	71	-	71	-	72	-	71	70	-	69	71	73	69	69	68	67	72.1
		MIN	77	78	78	75	74	72	71	68	70	68	[illegible]	67	67	[illegible]	68	70	-	70	-	70	-	70	68	-	67	67	69	66	67	66	65	69.6

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAYFIELD RADIO WNGO	20	5PM	74	73	75	75	73	73	73	72	71	70	70	70	70	70	68	69	-	68	-	69	-	69	-	-	69	66	69	68	67	67	65	70.1
PRINCETON 1 SE	4	MAX	76	75	76	75	73	73	71	69	67	67	65	64	75	66	66	68	68	69	69	69	68	68	68	67	68	67	67	66	66	67	67	69.0
		MIN	74	74	74	73	72	69	68	66	66	64	62	62	64	64	65	65	67	67	68	67	68	68	67	67	67	65	66	64	65	65	66	67.1
	20	5PM	74	74	71	72	71	71	70	69	69	68	65	67	67	66	66	66	67	67	67	67	67	67	67	67	67	67	67	66	67	66	66	68.0
QUICKSAND	4	MAX	76	77	76	76	76	74	72	69	67	66	65	65	65	66	66	66	67	68	68	67	67	67	67	68	67	66	66	66	67	67	67	68.6
		MIN	74	74	74	73	74	69	66	63	65	63	63	60	60	61	62	64	65	60	63	63	64	64	66	66	66	64	63	63	63	63	63	65.2
	20	4PM	73	73	73	73	73	72	71	70	69	68	67	66	66	65	65	66	66	67	67	67	66	66	67	67	67	66	66	65	65	65	65	67.8
SANDY HOOK 4 NW	4	MAX	72	72	71	70	70	70	70	63	62	61	60	62	61	62	63	62	63	62	63	64	64	65	64	64	64	64	63	63	62	62	64	64.6
		MIN	70	68	69	68	69	65	62	58	61	60	55	56	56	59	58	61	62	58	58	59	56	60	64	64	63	62	59	59	58	58	59	61.1
	20	6PM	67	65	66	66	66	66	65	64	64	63	61	61	60	60	60	60	61	61	62	61	61	61	62	62	62	62	61	60	60	60	60	62.3
SOMERSET 2 N	1	MAX	78	76	77	77	77	75	72	69	66	65	65	67	66	70	67	66	67	69	69	68	69	69	70	68	69	69	69	69	69	68	68	69.8
		MIN	71	70	71	70	72	66	64	61	64	62	59	59	61	62	62	62	64	63	63	63	64	64	67	66	66	65	61	61	62	61	64	64.2
	4	MAX	76	75	75	76	75	72	71	69	66	65	65	63	64	66	66	64	65	66	67	67	67	67	68	67	67	67	66	66	67	67	66	68.0
		MIN	72	70	71	71	72	66	65	62	64	62	60	58	60	61	62	61	64	62	62	64	63	64	65	65	64	63	60	60	62	61	63	63.8
	20	6PM	73	73	73	73	73	73	72	71	70	69	68	68	68	67	68	67	67	67	68	68	68	68	68	68	68	68	68	68	67	67	67	69.1
WILLIAMSTOWN 3 NW	4	MAX	74	75	75	75	74	71	70	67	64	64	61	62	63	65	65	65	66	67	68	69	68	66	66	66	66	66	66	66	66	65	66	67.3
		MIN	72	71	71	71	69	67	65	62	63	60	59	58	60	60	62	65	63	65	64	65	65	65	66	66	65	64	62	63	63	63	65	64.5
	20	6PM	68	69	68	68	69	68	67	67	66	65	64	63	63	63	63	63	63	63	64	64	64	64	64	64	64	64	64	63	63	63	64	64.8

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP	EVAP.	SPECIAL SEE NOTES	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A			CLOSED 8/10/71
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA H. COOL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GN	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. DUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	JAUNITA E HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.N. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STORY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	02	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	02	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	5P	5P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 46	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	0[illegible]	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	0[illegible]	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	0[illegible]	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MAYFIELD RADIO WNGO	5233	0[illegible]	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	0[illegible]	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	0[illegible]	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALPA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA V HORNE
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5436	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			CLAY B DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOTT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			V D SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	[illegible]	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	[illegible]	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. M. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL P
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS H. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	INACTIVE 4/1/71
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORRS OF ENGINEERS
CLOSED STATIONS												
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A			CLOSED 8/10/71

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

- Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 12/1/71-870

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
NOVEMBER 1971
Volume 66 No. 11

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AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	58.5	36.5	47.5		82	1	20	22+	526	0	0	12	0	1.76		.86	6	2.5	1	23	6	1	0
BEAVER DAM	58.8	37.3	48.1		81	1	15	8	513	0	0	11	0	1.84		1.10	19	1.0	1	23	4	1	1
FORDS FERRY DAM 50	57.4	39.0	48.2		82	1	21	8	505	0	0	10	0	2.17	- 1.33	.80	7	T	T	24	6	1	0
GILBERTSVILLE KY DAM	60.4	40.8	50.6		80	1	23	8	439	0	0	6	0	1.69		.61	6	1.3	1	23	5	1	0
GOLDEN POND 8 N	58.2	38.6	48.4		82	2	23	8	495	0	0	8	0			.80	19						0
GREENVILLE 2 W	58.2	38.2	48.2	1.3	80	1	17	8	507	0	0	9	0	2.05	- 1.71	.90	19	2.0	2	23	4	2	0
HENDERSON 7 SSW	57.4	38.8	48.1	1.5	80	1	19	8	508	0	0	10	0	1.62	- 1.87	.74	6	4.0	1	23+	6	1	0
HICKMAN 1 E	58.7	37.6	48.2		82	1	20	8	501	0	0	8	0	1.68		.55	6	5.0	3	23	5	1	0
HOPKINSVILLE	59.3	36.4	47.9	1.0	83	2	22	8	518	0	0	11	0	2.63	- 1.27	1.10	19	3.0	2	24	6	2	1
LOVELACEVILLE	58.7	37.3	48.0	.7	83	1	20	8	509	0	0	11	0	1.67	- 2.33	.97	6				6	1	0
MADISONVILLE 1 SE	59.2	36.0	47.6		81	1	16	8	522	0	0	13	0	1.91		.63	19	.0	0		5	2	0
MAYFIELD RADIO WNGO	58.5M	37.3M	47.9M		81	1	20	22+	514	0	0		0	3.00		.58	29				9	3	0
MURRAY	57.4	39.3	48.4	.6	81	1	21	8	498	0	0	9	0	2.08	- 1.92	.83	19	T	0		5	2	0
OWENSBORO 2 W	58.5	37.8	48.2	2.2	82	1	18	8	506	0	0	9	0	1.96	- 1.55	.78	7	2.0	2	24	5	1	0
PADUCAH FAA AIRPORT	57.3	38.1	47.7		81	1	21	8	515	0	0	10	0	1.85		1.07	6	1.0	T	24	5	1	1
PADUCAH SEWAGE PLANT	58.6	37.5	48.1		82	2	25	8	507	0	0	11	0	1.79	- 2.17	1.02	7	1.0	T	25+	4	1	1
PRINCETON 1 SE	58.4	38.2	48.3	1.3	81	1	17	8	507	0	0	10	0	1.97	- 1.75	.57	19	5.0	2	23	6	2	0
ROCHESTER LOCK 3	57.6	36.0	46.8		81	2	19	8	543	0	0	14	0	2.57		1.26	19		T	24	7	2	1
RUSSELLVILLE	58.2	37.8	48.0	2.2	81	2	19	8	508	0	0	8	0	2.38	- 1.50	.60	29		1	24	6	3	0
DIVISION			48.1	1.1										2.03	- 1.76			2.0					
* * * CENTRAL 02																							
ANCHORAGE	55.4	35.9	45.7	1.3	78	1	15	8	577	0	0	13	0			.61	19		2	23		1	0
BARDSTOWN	58.0	36.1	47.1		80	1	15	8	542	0	0	12	0	3.59		1.50	23				6	2	1
BARREN RIVER RESERVOIR	59.8	37.6	48.7		84	2	22	9+	496	0	0	11	0	1.77		.46	27	.8	0		6	0	0
BERNHEIM FOREST	58.9	36.2	47.6		81	1	14	8	532	0	0	13	0	2.16		.65	19	1.0	1	24+	5	1	0
BOWLING GREEN FAA AP	58.4	36.5	47.5	.5	83	1	19	8	530	0	0	13	0	1.45	- 2.16	.43	19+	T	0		6	0	0
BRADFORDSVILLE	57.5M	34.6M	46.1M		83	2	13	8	580	0	0	12	0			.56	27					1	0
CAMPBELLSVILLE 2 SSW	59.2	37.4	48.3		81	1	16	8	507	0	0	11	0	1.86		.49	27				5	0	0
CECILIA	57.7	35.6	46.7	1.8	78	1	16	8	550	0	0	13	0	1.14	- 2.42	1.01	23	2.0	2	23	2	1	1
GLASGOW WKAY	58.1	37.0	47.6		82	1	17	8	534	0	0	10	0	1.85		.49	27	1.3	1	23	7	0	0
GREENSBURG	60.2	35.1	47.7	1.9	83	2	20	9+	525	0	0	16	0	1.89	- 1.67	.47	27	2.0	T	24	6	0	0
HODGENVILLE-LINCOLN NP	58.6	37.5	48.1		82	1	16	8	516	0	0	10	0	2.17		.59	29	2.8	2	23	7	1	0
IRVINGTON	58.3	35.7	47.0	.9	80	2+	15	8	539	0	0	12	0	1.79	- 1.63	.51	19		1	24+		1	0
JAMESTOWN 8 SSW	M	M	M							0	0		0	2.29		.60	7				8	1	0
LEITCHFIELD 2 N	57.5	35.9	46.7	.0	81	1	16	8	551	0	0	12	0	2.21	- 1.68	1.00	19	1.0	1	24	6	1	1
LOUISVILLE	57.8	40.5	49.2		79	15	24	8	485	0	0	7	0	1.97		.62	6	.1	T	23	6	1	0
LOUISVILLE WSO R	56.5	37.5	47.0	2.3	78	1	20	8	537	0	0	9	0	2.06	- 1.14	.53	6	5.4	2	24	7	2	0
MAMMOTH CAVE PARK	58.5	36.9	47.7		83	1	15	8	524	0	0	10	0	2.12		.59	29	1.1	1	23	6	2	0
NOLIN RIVER RESERVOIR	58.1	35.3	46.7		82	2	18	8	553	0	0	14	0	2.00		.52	19				6	1	0
ROUGH RIVER DAM	58.0	35.6	46.8		82	2	18	8	544	0	0	14	0	□ 1.85		.65	19	1.5	2	24	6	1	0
SCOTTSVILLE 3 SSW	59.1	39.8	49.5		83	1	21	8	476	0	0	7	0	2.19		.44	6	1.0	T	23	7	0	0
SUMMER SHADE	58.4	36.7	47.6		82	1	18	8	529	0	0	13	0	2.09		.49	19	1.0	T	23	8	0	0
DIVISION			47.5	1.4										2.02	- 1.56			1.5					
* * * BLUE GRASS 03																							
BEREA COLLEGE	57.0	38.7	47.9	1.3	77	1	12	8	523	0	0	11	0	1.56	- 1.73	.51	27				5	1	0
CARROLLTON LOCK 1	56.4	35.8	46.1		76	15	18	8	561	0	0	12	0	1.86	- 1.21	.45	7	.8	1	24	7	0	0
COVINGTON WSO R	52.2	34.1	43.2	.5	74	14	14	8	649	0	1	18	0	1.68	- 1.33	.45	29	3.0	T	24+	5	0	0
CYNTHIANA 2	57.7M	30.9M	44.3M		78	2+	14	8		0	0		0			.52	29					1	0
DANVILLE	57.4M	35.5M	46.5M		79	2	17	8	554	0	0		0	1.64	- 1.68	.35	27	2.5	1	24	6	0	0
DIX DAM	59.0	38.3	48.7		84	1	19	8	501	0	0	9	0	1.56		.60	29	1.0	1	24	5	1	0
FALMOUTH 5 WNW	55.1	30.9	43.0		75	17+	11	8	649	0	0	19	0	1.90	- 1.53	.51	7	1.0	1	7	6	1	0
FARMERS 1 WNW	55.6	34.8	45.2	.1	76	14+	16	8	597	0	0	13	0	1.65	- 1.56	.37	29	T	T	24	7	0	0
FLEMINGSBURG 1 SW	54.8	34.8	44.8		75	2	13	8	603	0	0	15	0	1.68		.47	29	.5	0		6	0	0
FRANKFORT LOCK 4	57.7	34.2	46.0	.5	78	18+	18	8	573	0	0	17	0	1.80	- 1.58	.43	29+				5	0	0
LEXINGTON WSO R	57.3	37.1	47.2	2.5	80	1	18	8	536	0	0	13	0	1.71	- 1.58	.52	19	.7	T	24+	4	1	0
MAYSVILLE SEWAGE PLANT	56.2	31.9	44.1	- .6	76	3	11	8	621	0	0	18	0	2.58	- .56	.70	19				7	1	0
MOUNT STERLING	56.9	37.0	47.0		77	2	17	8	543	0	0	12	0	1.59	- 1.51	.51	29	2.0	2	24	5	1	0
OWENTON																							
RICHMOND	57.8	36.5	47.2		80	3+	17	8	542	0	0	13	0	2.00		.40	27	3.0	1	24	7	0	0
SHELBYVILLE	56.1	34.9	45.5	.3	77	2	16	8	581	0	0	16	0	1.89	- 1.75	.49	7	1.3	1	24+	7	0	0
WARSAW MARKLAND DAM	55.9	33.7	44.8	- .2	77	15	17	9+	600	0	0	14	0	1.70	- 1.33	.45	7	T	T	24	6	0	0
WAYNESBURG 7 NE	56.4	35.0	45.7		77	2+	15	8	579	0	1	15	0	1.39		.46	27	2.0	2	24	5	0	0
WILLIAMSTOWN 3 NW	54.8	36.1	45.5	.7	75	17+	16	8	582	0	0	14	0	1.95	- 1.33	.50	6	3.0	3	6	5	1	0
DIVISION			45.7	.2										1.77	- 1.50			1.5					
* * * EASTERN 04																							
ASHLAND	56.9	32.7	44.8	- 1.8	79	3+	15	23	605	0	0	17	0	2.18	- .52	.49	25	1.5	2	25	10	0	0
BARBOURVILLE	60.1	33.2	46.7		79	1	17	9	550	0	0	15	0	2.34		.91	3				7	1	0
BAXTER	57.8	34.0	45.9		77	2+	20	23+	573	0	0	17	0	2.50		1.17	3	T	0		8	1	1
BLAINE	57.9	30.4	44.2		81	1	13	23+	622	0	0	18	0	3.59		1.00	25				9	3	1
CUMBERLAND	59.4	33.2	46.3		78	3	11	23	560	0	0	15	0	2.49		1.07	3	T	0		8	1	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 146

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

KENTUCKY
NOVEMBER 1971

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM																							
GRAYSON 5 SE	56.9	30.1	43.5		79	3+	13	23	639	0	0	17	0	1.65		.42	25	4.0	1	25+	6	0	0
HEIDELBERG LOCK 14	59.6	34.0	46.8		77	2	16	8	550	0	0	14	0	1.93	- 1.38	.38	25		T	25+	7	0	0
HINDMAN 11 NNE																							
HYDEN	57.4	32.9	45.2		79	2	19	23+	594	0	0	17	0	2.59		1.05	3	1.0	1	24	8	1	1
JACKSON	60.8	33.9	47.4		82	3	19	23+	533	0	0	16	0	1.49		.48	25+				4	0	0
LONDON FAA AP	56.8	34.2	45.5		77	2	19	6	588	0	1	16	0	2.02		.76	2	3.6	T	25+	5	1	0
MANCHESTER 4 SE	59.1	34.6	46.9		78	1	17	8	552	0	0	15	0	2.72		1.04	3	T	0		9	1	1
MC KEE																							
MIDDLESBORO	57.8	33.2	45.5		76	2+	17	9	584	0	0	17	0	2.09		.90	3				7	1	0
MONTICELLO	59.0	36.2	47.6		80	17+	18	8	523	0	0	13	0	2.00		.78	2	.5	0		7	1	0
MOUNT VERNON	58.7	36.2M	47.5M		77	1	15	8	536	0	0	12	0	1.97		.58	27	2.8			7	1	0
PIKEVILLE	58.9	37.1	48.0		78	15	20	23	511	0	0	9	0	1.74	- .89	.42	24	1.2	0		6	0	0
SOMERSET 2 N	56.7	35.6	46.2		80	2	19	8	565	0	0	13	0	1.90		.47	2	1.0	1	23	7	0	0
STEARNS 1 W	58.7	32.6	45.7		77	2	17	7	578	0	0	17	0	1.83		.95	3				4	1	0
TOMAHAWK 1 WSW	57.4M	30.6	44.0M		79	3	15	24+	623	0	0	18	0	3.61		.90	7	T	T	25+	10	2	0
VANCEBURG	57.0M	35.0M	46.0M		75	14+	15	23+	565	0	0		0	2.04	- 1.04	.46	29				6	0	0
WEST LIBERTY	57.6	31.4	44.5		80	1	11	9+	610	0	0	17	0	1.85		.38	2	1.0	1	25	6	0	0
WILLIAMSBURG 1 E	59.7	36.8	48.3	1.5	78	1	18	8	506	0	0	13	0	2.03	- 1.40	.95	3				6	1	0
DIVISION			46.0	- .2										2.22	- .99			1.3					

SPECIAL WEATHER SUMMARY

Temperature averages were seasonable to relatively mild and it was a relatively dry month. However, there was a good bit of changeable weather, record high temperatures on several dates, record low temperatures on at least one date, and snowfall on several days. Over the greater part of the State, precipitation was below normal, about half of the days were cloudy, and relative humidities were lower than seasonable for the greater part of the month.

Temperatures were much above normal on a number of days, afternoon readings generally in the seventies on the 1st and 2d, and from the 13th through the 18th. These Indian Summer temperatures were record or near-record readings for a number of locations on several of these dates. The first general freeze of the season came on the 4th. Early morning readings on the 8th were in the teens, record low readings for the date at some locations.

Precipitation was much below normal for the first 15 days. There were rain and snow showers on the 6th, with snow accumulating to 3 inches over grass at several points, but melting rapidly on highways. The general rain on the 18th-19th was the first significant rain in almost 2 weeks. On the 23d-24th most sections had snow, point totals ranging from as little as a trace to as much as 5 inches at several locations. The snow melted quickly in most areas. A number of automobile accidents were reported, some involving injuries.

For further details for these and other events, see the accompanying tables.

A. B. Elam, Jr.
Climatologist for Kentucky
Room 205, Agricultural Experiment Sta.
University of Kentucky
Lexington, Kentucky 40506

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	1.76		T				.86		T	.04									.10	.13				.17	.07		.05	.04	.12	.18		
BEAVER DAM	1.84						.38													1.10				.13	.07			.10		.06		
CALHOUN LOCK 2	2.06		.09	T				.62		T										.60					.11	.15		.16		.24	.09	
COBB	2.22							.50												.80					.18			.42		.32		
DAWSON SPRINGS	1.46		T					.27												.57					.30			.12		.20		
DUNDEE	2.09		.03					.49												.65					*	.32		.33		*	.27	
DUNMOR	1.79							.53												.69					.24	.06		.21		.06		
ELKTON 2 S	1.69							.45		T										.35					.16	.15		.30		.25	.03	
FORDS FERRY DAM 50	2.17		T					.80		.09										.36					.10	.17		.16		.42	.07	
FRANKLIN 1 E	2.04							.46												.65	.03					.30		.26		.34		
GILBERTSVILLE KY DAM	1.69						.61		T	T									.07	.33				.11	.10		T	.06		.41		
GOLDEN POND 8 N	-							-		-										.80					.30		T	.08		.25	.01	
GREENVILLE 2 W	2.05		.06				.51													.90				.17	.09			.07		.25		
HARTFORD 6 NW	1.89		T					.54												.69	T				.19	.10	T	.13		.24	T	
HENDERSON 7 SSW	1.62		.01				.74												.02	.20				.13	.13		T	.12		.27		
HICKMAN 1 E	1.68						.55			.03									.12	.33				.24	.07		T	T	T	.34		
HOPKINSVILLE	2.63							.67		.20										1.10					.17	.08		.10		.28	.03	
LOVELACEVILLE	1.67						.97												.10	.20				.15	T		.10			.15		
MADISONVILLE 1 SE	1.91		.02					.53		T										.63					.23	.08		.10		.27	.05	
MAYFIELD RADIO WNGO	3.00		.11	.10						.50									.25	.52				.46	.33		.15			.58		
MURRAY	2.08						.54												.11	.83				.18	.07			.03	.03	.29		
OWENSBORO 2 W	1.96							.78												.28					.30			.30		.30		
OWENSBORO DAM 46	1.80		T	T				.69		T										.25					.12	.11		.30	.01	.32	T	
PADUCAH FAA AIRPORT	1.85		T				1.07		T	.03									.18	.02				.12	.02		.13	.01	.27	T		
PADUCAH SEWAGE PLANT	1.79		T					1.02		T										.30	T				.12	.02	T	.05		.28	T	
PARADISE STEAM PLANT R	2.26		T					.55												.97	.03				.15	.17		.11		.15	.13	
PRINCETON 1 SE	1.97						.52			T									T	.57				.40	.12		T	.10		.26		
ROCHESTER LOCK 3	2.57							.55		.11										1.26					.15	.18		.11		.19	.02	
RUSSELLVILLE	2.38							.55												.58	T				.25	.20		.20		.60	T	
SEBREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UNIONTOWN DAM 49 //	1.53		.08					.67		.02										.22					.02	T		.23		.29	T	
* * * CENTRAL 02																																
ALBANY 4 N	2.15	.04	.63	.25				.23												.09					.31					.60		
ANCHORAGE	-		T				0 .10	-		.05										.61	.02	T	T	.22	.08	T	T	.39		.41		
BARDSTOWN	3.59						.35	.07			.02									.45	.01			1.50	.22			.30		.67		
BARREN RIVER RESERVOIR	1.77			T				.42												.31	T				.11	.11		.46	T	.34	.02	
BERNHEIM FOREST	2.16		.05				.44	.09		T	.03									.65	.02			.09	.24		T	.19	T	.36		
BOWLING GREEN	2.02							.42			T									.43	T				.25	.06		.28		.58		
BOWLING GREEN FAA AP	1.45						.43			T									.01	.43				.12	.12		.12	.07	.12	.03		
BRADFORDSVILLE	-							.35		-	-	-	-	-	-	-				.35					.23			.56		-	-	
BROWNSVILLE	2.16							.41												.53	T				.14	.10		.27		.65	.06	
BURKESVILLE 2 W	1.65		.08	.15				.30												.23					.26			.48		.15		
CAMPBELLSVILLE 2 SSW	1.86						.31			T	T									.41		.01		.03	.13			.49		.48	T	
CANEYVILLE	2.02							.48												.58					.18	.22		.33		.23		
CECILIA	1.14							T		T												T		1.01	.13							
EDMONTON	1.74							.40												.32					.10	.17		.45		.30		
GAMALIEL 1 S	1.62				.07			.40			T									.15					.19	.22		.42		.17	T	
GLASGOW	1.73							.35												.27					.10	.09		.44		.38	.10	
GLASGOW WKAY	1.85						.27	.11												.27				.12	.12		T	.49		.47		
GLENDALE 1 E	1.96							.41												.56					.20			.35		.44		
GREENSBURG	1.89							.33			T									.31	T				.16	.12		.47	T	.46	.04	
GREENSBURG HIWAY 61	1.74							.31			.02									.28	T		T		.17	.10		.47	T	.31	.08	
HODGENVILLE-LINCOLN NP	2.17						.18	.26												.47				.15	.12			.40		.59		
IRVINGTON	1.79		.09				.19	.37												.51				*	.37					.26		
JAMESTOWN 8 SSW	2.29		.05	.22				.60												.20					.33	.11		.45	.02	.16	.15	
LEITCHFIELD 2 N	2.21	T	T					.46		.01										1.00					.12	.04		.27		.21	.10	
LIBERTY	1.77		.05					.19			.03									.22	.08				.22	.17		.49		.21	.11	
LOUISVILLE	1.97		.07				.62	T		T										.37				.25	.20			.16		.30		
LOUISVILLE WSO R	2.06	T	.07				.53			.01									T	.51	T			.23	.17		.06	.18	.10	.20	T	
LOUISVILLE UPPER GAGE	1.74		T	.02				.66			.04									.30					T	T		.35	T	.27	.10	
MAMMOTH CAVE PARK	2.12						T	.41			T									.41				.11	.10		T	.50		.59		
MILLERSTOWN	2.17							.46		T	T									.53	T	T			.17	.09		.35	T	.49	.08	
MUNFORDVILLE	1.87			T				.38			T									.40			T		.17	.11		.37	T	.40	.04	
NOLIN RIVER RESERVOIR	2.00							.40			T									.52	.01				.12	.10		.32	T	.48	.05	
ROUGH RIVER DAM	D 1.85		T					.48			T									.65		T			0 .15	.13		.08	T	.25	.11	
SCOTTSVILLE 3 SSW	2.19		.23				.44													.42				.12	.22			.37		.39		
SCOTTSVILLE 2 SW	1.85			.30				.32			T									.40					.10	.10		.25		.35	.03	
SHEPHERDSVILLE	2.09			T				.59												.48					.27	.13		.26	.02	.27	.07	
SUMMER SHADE	2.09		.21				.20	.20		T										.49				.13	.22		.01	.42		.21		
WOODBURY LOCK 4	1.79							.48		T	T									.65					.17	.13		.10		.23	.03	
* * * BLUE GRASS 03																																
BEREA COLLEGE	1.56	.05	.05																	.25				.20	.30			.51		.20		
BEREA	1.58	T	.06	.03				T			.17									.11	.16		T		.13	.16		.52	.02	.12	.10	
CARROLLTON LOCK 1	1.86		.20	.04				.45			.01									.25					.10	.05		.25	.01	.34	.16	
COVINGTON WSO R	1.68		.30				.3[illegible]			.02									T	.29	.05	T	T	T	.06		.04	.17		.45	T	
CYNTHIANA	1.56		.04	T				.36			T									.29	T	T			.04	T		.15	T	.39	.29	
CYNTHIANA 2	-							-												.26	.03	T			T				.05	.52	.19	
DANVILLE	1.64		.01	.08				.34		T	.02									.17	.02				.15	.18		.35	.01	.26	.05	
DIX DAM	1.56							.31												.32					.14	.10				.60	.09	
FALMOUTH 5 WNW	1.90			.12				.51		T	.02									.25	.07	T			T	.07		.17	.03	.28	.38	
FARMERS 1 WNW	1.65		.15					.10													.25	.02	T		.04	.29		.25	.08	.37	.10	
FLEMINGSBURG	1.65		.05	T				.33			.02									.26	.09	.02	.01		.02	.14		.20	.02	.31	.18	
FLEMINGSBURG 1 SW	1.68	T	.07				.1[illegible]	.14		.0[illegible]										.32	.02	.01	T		.21			.23		.47		
FORD LOCK 10	1.38		.06	T				.22		T	.02									.09	.16	T	T		.03	.14		.18	.14	.28	.06	
FRANKFORT LOCK 4	1.80		T					.38			T									.43	.04	.01			.05	.02		.23	T	.43	.21	
GEORGETOWN WATER WORKS	1.99							.50												.38					T			*	*	1.00	.11	
GEST LOCK 3	1.39		T	T				.30												.25			T		.02	.07		.20	T	.35	.20	
HIGH BRIDGE LOCK 7	1.82							.33			.05									.30	.07	.03			.11	.11		.34	.03	.33	.12	
KEENE 1 SSW	1.32							.38												.45					.05						.44	
LA GRANGE 1 ESE	2.06		.09				.5[illegible]	T	T	T										.50	T	T		.18	.14		T	.20		.45	T	
LANCASTER	1.71							.27												.18					.23			.18	*	.71	.14	
LEXINGTON WSO R	1.71		T				.3[illegible]			.01										.52	T	T		.06	.05		.04	.26	.06	.38	T	
LITTLE HICKMAN LOCK 8	1.26							.25												.16	.07					.19		.29		.23	.07	
LOCKPORT LOCK 2	1.58			T				.42		T										.35			T		.05	T		.27		.33	.16	
MAYSVILLE SEWAGE PLANT	2.58		.02					.34	T		.41									.70	.07	.09	.13		T			.25	.03	.35	.19	
MIDWAY	1.69							*	*	*	*	*	*	*	*	*	*	*	*	.78	.03	T			.07			.25		.45	.11	
MOUNT STERLING	1.59	.09					.14				T									.24	T	T		T	.22		T	.39		.51		
OWENTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RICHMOND	2.00	T	.06	.1[illegible]				.34			.05									.24	.02	T	T		.15	.12		.40	.05	.32	.09	
SALVISA LOCK 6	2.04		T					.34			.15									.38	.08	T			.04	.14		.28	.08	.34	.21	
SHELBYVILLE	1.89			.1[illegible]				.49			T									.42		T			.10	.07		.25		.30	.10	
SPRINGFIELD	1.59							.40												.43	T				.25					.51		
TAYLORSVILLE	2.26			.20				.44												.62		T			.18	.06		.28		.10	.38	
TYRONE LOCK 5	1.75		.04	.01				.43			T									.34			T		.10	.06		.18	T	.43	.16	
VALLEY VIEW LOCK 9	1.30		.03	T				.24	.02		.02									.20	.06	T	T		.04	.10		.31	.02	.24	.02	
WARSAW MARKLAND DAM	1.70			.13				.45			.02									.30	T	T			.02	.03		.14	.03	.36	.22	

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	1.39		.21																	T	.31				.23	T		.46	T	.18	T	.
WILLIAMSTOWN 3 NW	1.95	T	.25				.50	.02		T										.38	.03	T		T	.06		T	.20		.47	.04	.
* * *																																
EASTERN 04																																
ALLEN	2.51		.47	.49			.10	.14												.06	.03	T			T	.41		.48	.04	.29	T	.
ASHLAND	2.18	.22	.11	.12				.24												.06		.12	T		.02	.49		.25	.10	.31	.14	.
BARBOURVILLE	2.34	.04	.15	.91				.12			T										.01	T			.22	.28		.15	.06	.40	T	.
BAXTER	2.50	.01	.16	1.17				.11			T										.20	.04	T		.15	.33		.15	.13	.03	.02	.
BLAINE	3.59	.17	.12	.26				.15													.09		.75			1.00		.68	.05	.21	.11	.
BUCKHORN	1.89	.30	.26	.16				.18			T									T			T		.15	.25		.15	.18	.20	.06	.
BURDINE 2 NE	1.77	.02		1.10																	.05				*	.30		*	*	.30		.
CLAY CITY 1 WNW	1.34		.05	T							.10									.05	.12				.10	.20		.30		.30	.12	.
COLLEGE HILL LOCK 11	1.59		.10	.16				.14			.10									.06	.07	T	T		.11	.20		.35	T	.23	.07	.
CUMBERLAND	2.49	.10	.20	1.07	T			.10												.10		.02			.36	T	T	.36	T	.18	T	.
CUMBERLAND FALLS ST PK	1.69	.21	.51					.14												.09		T		T	.54	T	T	.09		.11	T	.
DEWEY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
ELKHORN CITY	2.09	T	.05	.80				.03													.04	.03	*	*	.28	.45		*	.41		T	.
FISHTRAP RESERVOIR	1.75		.10	.55				.12													.07	.04	.06		.14	.40		.10	.05	.07	.05	.
FREEBURN 2 SW	1.97		.03	.49				.15													.13			T	.15	.50		.16	.34	T	.02	.
FRENCHBURG	-		.20	.21																	.23	T	T		.60	.30		-	-	-	-	.
GRAYSON 5 SE	1.65	.22	.19					.14			T									T	.07	.02	.09		T	.42		.21	.05	.21	.03	.
GRAYSON RESERVOIR	1.48	.06	.23					.09												T	.10	.11	T		T	.41		.22	.06	.16	.04	.
HAZARD WATER WORKS	2.28		.12	.57				.09			.06										.11				.16	.56		.10	.20	.15	.16	.
HEIDELBERG LOCK 14	1.93	T	.36	.35				.08			T										.12		T		.05	.38		.14	.25	.15	.05	.
HINDMAN 11 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
HYDEN	2.59	.02	.04	1.05				.07			T										.10			T	.23	.43		.13	.22	.28	.02	.
JACKSON	1.49	.05	.48	.25				.18																		.48					.05	.
JEREMIAH	1.92	.24	.16	.57	T			.09												.10		T	T	T	.40		.02	.23		.08	.03	.
LLOYD GREENUP DAM	1.67		.13	T				.11			.03									T	.21	.06	T		T	.45		.20	.05	.33	.10	.
LONDON FAA AP	2.02	.21	.76	T			.13	.01		.01	T									.08		T		.06	.39	T	T	.30	.02	.05	T	.
LOUISA 2	2.01	.12	.39	.04				.17												T			.10		T	.51		.17	.11	.25	.15	.
MANCHESTER 4 SE	2.72	.14		1.04				.24													.15				.23	.33		.17	.15	.27		.
MC KEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
META	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
MIDDLESBORO	2.09		.17	.90				.05													.10		T		.29	.19		.17	.06	.16		.
MONTICELLO	2.00		.78	.13				.21			T									.04	.05				.35	.12		.21		.11		.
MOUNT VERNON	1.97	.10	T								.11									.27			T	.16	.40			.58		.35		.
ONEIDA	2.24	.33	.06	.26				.26													.15				.14	.42		.22		.40		.
PAINTSVILLE 1 S	-	*	*	1.10							.14									.06			.04			.30		.14		-	-	.
PIKEVILLE	1.74	.41	.11	.26			T													.01		.09	.02		.42	.03		.14	.04	.18	.03	.
PINEVILLE 4 NW	2.53		.08	1.21				.09			.03										.16	.02			.21	.35		.21	.04	.13		.
RAVENNA LOCK 12	1.62	T	.16	.32				.11			.01									T	.10		T		.04	.29		.43	T	.12	.04	.
SALYERSVILLE 2 SE	2.31		.32	.68																	.08	.09			.11	.43		.12	.15	.25	.08	.
SOMERSET 2 N	1.90	.22	.47	T			.02	.12		.01	.02									.16		T		.11	.46	T		.31				.
STEARNS 1 W	1.83		.06	.95				.15																		.39		.21		.07		.
TILFORD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
TOMAHAWK 1 WSW	3.61	.15	.12	.78				.90			.06											.07	T		.10	.47		.15	.25	.35	.21	.
VANCEBURG	2.04		.11				.02	.32		.01										.45				.02	.32		.06	.21	.06	.46		.
WEST LIBERTY	1.85	.07	.38	.28				.06			T									T	.11	T	T		T	.35		.18		.35	.07	.
WILLIAMSBURG 1 E	2.03	.09	.11	.95	.13																.06				.02	.31		.21		.15		.
WILLOW LOCK 13	1.84	T	.33	.29				.06			T									T	.10		T		.09	.33		.29	.14	.15	.06	.

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation								
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of Possible sunshine	Average sky cover sunrise to sunset
COVINGTON WSO	23	4.0	9.6	26++	29	21	74	76	61	67	5	4	5	0	0	0	14	-	6.9
LEXINGTON WSO	22	3.8	9.6	22++	21	18	72	74	52	65	4	5	3	1	0	0	13	-	6.5
LOUISVILLE WSO	24	2.8	9.1	30	W	29+	72	75	57	61	4	3	5	2	0	0	14	47	6.7

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	82	77	66	63	66	58	37	50	50	57	65	74	76	77	78	75	73	67	60	62	56	40	35	37	39	45	47	51	50	43		58.5
	MIN	48	62	40	28	38	35	23	20	40	25	30	32	41	59	51	40	37	49	37	32	38	20	28	32	32	29	39	35	39	36		36.5
BEAVER DAM	MAX	81	74	67	59	66	59	40	48	50	55	64	72	75	78	78	76	77	70	66	60	60	40	36	36	43	46	46	48	50	45		58.9
	MIN	54	65	43	26	35	36	22	15	34	29	38	31	51	49	60	43	41	54	41	30	34	21	27	32	31	27	38	36	39	36		37.3
FORDS FERRY DAM 50	MAX	82	72	58	61	67	58	35	48	48	56	62	73	75	78	76	75	74	66	60	62	52	39	36	36	40	46	47	48	50	41		57.4
	MIN	53	50	43	34	45	30	25	21	38	32	39	40	50	61	53	48	46	57	39	38	31	27	30	32	29	30	37	37	38	36		39.0
GILBERTSVILLE KY DAM	MAX	80	79	70	65	67	65	40	51	50	59	67	74	74	76	78	75	73	72	61	64	61	43	40	38	43	46	51	51	51	47		60.4
	MIN	53	60	44	37	48	34	26	23	45	33	39	34	53	58	59	42	46	58	42	39	37	29	31	32	32	34	39	38	41	37		40.9
GOLDEN POND 8 N	MAX	72	82	75	60	63	62	52	38	50	50	57	67	75	75	78	75	75	74	67	50	62	46	41	36	37	40	48	42	51	47		58.2
	MIN	54	52	45	36	42	45	26	23	28	34	34	37	42	50	52	47	47	53	42	36	38	26	29	30	31	32	36	37	37	37		38.6
GREENVILLE 2 W	MAX	80	75	66	60	65	58	37	48	50	56	66	73	74	76	75	75	74	69	65	61	57	40	35	35	42	45	48	50	50	42		58.2
	MIN	53	64	43	30	41	33	22	17	37	29	34	34	51	46	61	44	42	57	39	31	33	34	28	32	32	28	38	36	40	36		38.2
HENDERSON 7 SSW	MAX	80	73	61	62	66	55	36	46	46	56	65	73	74	78	77	75	75	67	61	62	56	39	34	37	42	43	45	48	48	42		57.4
	MIN	49	60	40	31	42	31	24	19	39	30	36	39	54	55	60	50	47	54	40	38	34	22	26	31	32	31	39	35	38	37		38.8
HICKMAN 1 E	MAX	82	74	60	65	68	59	38	52	50	59	66	75	74	78	78	74	73	63	60	62	58	41	36	37	42	45	48	52	50	43		58.7
	MIN	50	59	43	30	36	36	26	20	33	27	36	36	50	51	52	42	42	50	40	34	38	25	30	32	33	28	40	34	40	36		37.6
HOPKINSVILLE	MAX	75	83	79	62	63	67	55	42	49	50	58	68	75	77	79	79	76	78	68	49	63	44	42	36	36	38	48	43	50	48		59.3
	MIN	57	57	44	31	31	37	25	22	23	34	34	34	37	47	52	46	44	45	44	33	35	23	24	32	31	30	32	35	36	36		36.4
LOVELACEVILLE	MAX	83	75	62	66	69	56	39	52	53	61	68	75	77	78	77	77	73	65	55	65	54	42	35	36	41	44	43	51	45	44		58.7
	MIN	49	62	40	28	38	34	24	20	42	26	31	32	44	55	56	41	40	55	40	31	35	21	28	33	32	28	40	37	40	37		37.3
MADISONVILLE 1 SE	MAX	81	75	67	63	67	58	41	48	49	58	66	74	73	77	78	76	75	67	67	62	62	46	35	36	43	45	47	50	48	41		59.2
	MIN	48	60	40	27	38	31	21	16	31	27	37	32	51	49	58	42	39	58	39	33	32	20	24	30	29	26	36	34	37	34		36.0
MAYFIELD RADIO WNGO	MAX	81	74	72	62	65		41	53	48	60	68	75	76		76	79		66	59			43	34	38		44	41	52	50	46		58.5
	MIN	49	65	42	30	36		23	20	41	29	32	34	45		56	40		52	41			20	30	29		29	39	41	38	34		37.3
MURRAY	MAX	81	73	63	60	64	55	38	49	50	56	65	72	72	76	73	74	74	66	60	60	54	39	36	37	37	46	48	51	51	43		57.4
	MIN	53	63	44	32	39	35	27	21	43	32	40	39	47	55	53	52	44	54	40	34	36	24	31	32	31	31	38	35	39	36		39.3
OWENSBORO 2 W	MAX	82	75	65	62	66	57	35	51	48	55	65	72	75	80	78	78	76	66	63	59	56	44	37	35	45	45	45	51	48	42		58.5
	MIN	50	60	42	30	38	35	23	18	39	29	32	35	48	52	57	46	45	53	38	35	34	23	27	29	30	36	37	34	42	36		37.8
PADUCAH FAA AIRPORT	MAX	81	73	60	63	65	58	39	49	49	58	66	73	74	75	76	73	71	65	50	62	53	41	36	37	39	47	44	50	51	42		57.3
	MIN	49	50	41	32	45	30	23	21	40	29	40	41	50	62	50	43	40	50	39	39	30	24	32	33	31	31	38	37	38	35		38.1
PADUCAH SEWAGE PLANT	MAX	68	82	73	60	64	68	55	39	50	49	59	67	74	77	79	78	76	74	65	50	64	44	41	37	36	41	48	41	51	48		58.6
	MIN	53	52	44	32	32	40	27	25	26	31	32	34	37	52	58	45	43	43	42	40	40	27	26	31	32	33	35	38	37	38		37.5
PRINCETON 1 SE	MAX	81	77	70	62	67	62	36	49	48	57	66	74	75	78	76	75	74	68	62	61	59	39	35	35	38	43	46	49	50	40		58.4
	MIN	52	64	42	28	39	32	22	17	40	29	37	35	47	55	59	43	45	57	40	36	35	21	28	32	31	30	38	36	40	36		38.2
ROCHESTER LOCK 3	MAX	70	81	74	57	59	64	56	37	47	49	55	63	74	74	76	75	75	75	68	48	61	41	41	37	37	43	48	42	51	50		57.6
	MIN	54	56	46	32	31	36	25	19	20	39	31	32	36	45	56	44	42	42	47	33	30	25	24	31	32	29	32	37	37	38		36.0
RUSSELLVILLE	MAX	75	81	72	58	60	65	58	39	48	48	54	66	72	73	75	75	75	75	70	48	60	42	42	38	48	40	48	42	51	49		58.2
	MIN	57	57	44	28	29	41	23	19	22	40	40	37	45	47	47	44	47	49	47	35	36	25	25	33	33	30	35	38	41	40		37.8
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	78	74	65	56	65	55	34	42	44	53	60	66	71	75	74	74	75	69	66	53	50	37	35	35	41	42	42	45	47	40		55.4
	MIN	54	61	40	31	34	32	19	15	30	39	28	32	47	46	59	46	43	52	39	32	34	22	21	28	29	25	36	34	36	34		35.9
BARDSTOWN	MAX	80	77	73	57	65	58	36	44	46	52	63	70	74	76	77	75	78	74	69	55	55	39	35	35	40	47	48	47	51	43		58.0
	MIN	59	61	39	27	33	34	21	15	33	36	32	33	53	46	55	45	42	53	40	32	35	22	22	31	30	24	38	27	37	28		36.1
BARREN RIVER RESERVOIR	MAX	78	84	79	60	60	67	64	40	48	49	55	66	74	75	77	78	77	77	75	51	60	44	40	38	39	40	51	42	54	52		59.8
	MIN	59	64	44	29	29	40	25	22	22	38	33	33	40	53	54	45	47	48	50	33	36	24	24	32	31	28	32	38	38	37		37.6
BERNHEIM FOREST	MAX	81	79	74	57	65	65	37	45	48	53	64	70	74	77	78	77	77	75	70	54	57	40	40	36	43	45	47	45	50	44		58.9
	MIN	56	62	40	27	34	33	19	14	30	37	30	32	49	47	63	48	41	52	41	31	35	17	22	30	31	23	38	29	39	37		36.2
BOWLING GREEN FAA AP	MAX	83	80	59	59	64	60	39	47	48	53	65	72	74	77	76	76	76	70	66	60	53	41	36	37	39	50	48	51	51	43		58.4
	MIN	61	59	38	32	31	31	23	19	39	36	35	32	47	47	50	41	41	51	33	32	32	21	28	31	26	27	38	38	39	36		36.5
BRADFORDSVILLE	MAX	77	83	80	61	59	66	68	40									79	79	75	49	56	42	41	39	38	40	49	40	53	52		57.5
	MIN	60	67	52	24	26	43	19	13									41	49	48	28	34	21	21	31	30	21	33	31	36	33		34.6
CAMPBELLSVILLE 2 SSW	MAX	81	78	74	57	64	64	58	42	48	51	63	70	72	75	76	75	76	77	68	50	52	48	37	36	46	50	49	44	52	43		59.2
	MIN	59	66	45	32	33	44	24	16	31	36	29	33	51	55	55	45	46	45	39	36	29	21	25	26	25	30	38	35	38	35		37.4
CECILIA	MAX	78	75	74	65	61	54	40	44	48	53	64	69	73	75	76	76	76	70	66	57	54	44	33	36	40	46	46	45	50	43		57.7
	MIN	56	59	47	33	29	29	21	16	30	36	29	30	48	40	60	44	40	54	40	34	26	21	23	31	24	25	37	34	38	35		35.6
GLASGOW WKAY	MAX	82	77	67	58	63	63	36	47	48	52	64	70	73	75	75	75	77	73	65	58	54	38	36	37	38	48	48	50	52	44		58.1
	MIN	61	66	40	26	31	34	20	17	32	37	33	33	51	47	59	43	43	48	35	32	35	22	28	33	30	25	38	36	40	36		37.0
GREENSBURG	MAX	80	83	80	60	60	66	65	41	50	50	55	65	72	74	77	77	78	79	75	51	58	49	45	38	38	42	51	42	53	53		60.2
	MIN	58	62	44	30	30	32	25	20	20	39	28	30	32	44	47	44	41	41	50	30	37	23	23	32	31	25	25	37	37	37		35.1
HODGENVILLE-LINCOLN NP	MAX	82	80	74	58	65	63	39	46	47	54	64	70	74	76	76	75	77	74	69	55	55	40	37	36	41	47	47	46	49	42		58.6
	MIN	59	66	45	29	34	38	21	16	33	36	31	35	48	51	59	46	44	53	40	30	35	19	25	31	30	25	37	35	41	34		37.5
IRVINGTON	MAX	80	80	72	58	64	64	41	44	48	53	62	69	71	77	75	75	76	75	67	55	55	41	36	36	48	47	46	40	50	44		58.3
	MIN	50	61	39	27	34	41	20	15	32	37	29	29	50	45	58	43	40	54	36	30	34	20	23	30	22	26	37	33	40	35		35.7
JAMESTOWN 8 SSW	MAX																	74	76	70	50	55	39	38	37	36	35	50	40	54	53		
	MIN																	44	44	49	29	34	21	25	30	28	25	32	35	37	35		
LEITCHFIELD 2 N	MAX	81	72	72	58	66	54	42	45	46	55	64	70	73	71	78	74	75	69	62	54	55	39	35	36	43	46	47	46	52	44		57.5
	MIN	58	66	41	33	33	33	20	16	32	37	28	32	47	48	51	42	40	48	34	30	30	23	22	31	31	26	38	34	38	36		35.9
LOUISVILLE	MAX	78	75	70	55	65	58	34	44	49	53	61	70	75	78	79	77	78	73	69	55	55	41	37	37	42	44	42	46	50	43		57.8
	MIN	57	65	46	38	40	32	25	24	37	37	33	39	53	51	62	55	52	57	41	37	35	26	27	30	33	30	39	37	40	37		40.5
LOUISVILLE WSO	MAX	78	74	57	56	65	55	34	44	48	54	62	69	72	76	77	75	76	70	66	55	49	39	36	36	42	46	46	46	50	42		56.5
	MIN	56	54	43	33	35	31	22	20	37	38	32	34	52	49	55	49	44	53	35	35	33	26	27	32	28	27	37	36	39	34		37.5

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAMMOTH CAVE PARK	MAX	83	77	74	58	65	59	38	46	48	53	64	70	73	72	76	75	77	77	66	57	56	40	36	35	41	49	47	49	51	42		58.5
	MIN	60	66	41	27	35	37	21	15	29	37	34	34	50	50	48	45	43	46	41	32	35	22	23	31	29	26	38	36	40	37		36.9
NOLIN RIVER RESERVOIR	MAX	78	82	77	59	60	65	57	39	47	48	55	65	72	74	76	78	76	73	70	49	60	41	40	35	36	44	49	40	51	48		58.1
	MIN	58	60	41	27	26	36	21	18	21	37	29	39	31	44	54	43	41	49	41	30	34	22	28	29	30	28	31	36	38	36		35.3
ROUGH RIVER DAM	MAX	73	82	71	57	58	67	55	38	48	49	57	65	71	73	76	77	75	78	70	48	59	43	42	36	40	45	47	40	50	50		58.0
	MIN	53	56	42	30	31	40	22	18	20	37	32	32	37	51	56	44	45	48	43	33	35	21	21	29	29	28	31	32	36	36		35.6
SCOTTSVILLE 3 SSW	MAX	83	79	70	59	65	64	38	46	47	54	65	71	72	76	77	73	77	74	70	62	56	39	38	36	37	49	49	51	53	42		59.1
	MIN	61	67	45	34	38	35	24	21	38	37	34	41	50	55	57	51	53	55	41	31	34	23	29	33	30	28	39	35	40	36		39.8
SUMMER SHADE	MAX	82	80	63	57	63	66	42	47	48	53	67	70	73	75	76	75	76	72	65	58	54	40	37	37	38	49	47	51	52	40		58.4
	MIN	58	63	38	27	31	40	24	18	30	34	32	34	52	49	53	43	45	50	32	32	35	22	25	32	28	24	38	35	40	36		36.7
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	77	76	74	54	63	67	47	46	48	48	60	66	71	73	75	73	75	71	67	54	52	37	36	35	35	44	45	46	52	44		57.0
	MIN	64	69	45	34	21	46	25	12	31	35	36	43	52	52	60	52	49	57	42	32	35	21	24	29	28	23	38	32	38	35		38.7
CARROLLTON LOCK 1	MAX	75	75	70	55	65	64	34	42	46	52	62	65	70	73	76	74	75	71	70	49	50	40	37	37	44	44	45	41	49	42		56.4
	MIN	52	60	41	31	34	33	19	18	33	27	29	32	48	43	56	48	44	48	41	31	33	23	22	30	27	25	38	35	37	35		35.8
COVINGTON WSO	MAX	70	70	55	49	62	55	30	38	41	47	57	64	65	74	72	70	73	71	62	45	42	35	33	35	41	41	42	43	46	37		52.2
	MIN	54	48	39	29	36	30	18	14	32	28	29	32	44	47	55	50	47	53	32	32	30	22	20	29	24	23	33	32	35	26		34.1
CYNTHIANA 2	MAX	78	78				68			43			62	67	72	76	77	75	77	75	50	49	40	39	37	38	43	45	42	45	50		57.7
	MIN	59			27				14	15		25		32	36	40	44	38	38	48	31	30	22	19	23	30	20	26	27	31	35		30.9
DANVILLE	MAX	75	79	78	59	56	64	64	39	45	48	50	62	68	73	75	75	77	76	72	50	54	41	40	37	35	35	46	40		52		57.4
	MIN	60	60	43	33	33	34	24	17	18	35	33	33	39	50	50	52	49	49	49	33	33	20	20	21	28	22	28	28		36		35.5
DIX DAM	MAX	84	79	78	56	65	64	45	47	49	51	62	69	74	74	76	77	77	77	70	49	54	53	37	35	37	44	47	44	51	45		59.0
	MIN	62	67	44	33	35	45	25	19	33	35	33	33	52	48	57	50	46	53	41	32	33	23	23	30	28	26	38	32	38	36		38.3
FALMOUTH 5 WNW	MAX	73	75	67	53	59	55	39	42	45	49	61	66	71	75	75	72	75	73	64	47	45	37	35	37	44	41	41	43	49	45		55.1
	MIN	52	52	32	24	26	37	13	11	26	24	22	27	42	37	50	44	38	43	32	26	32	15	13	29	28	18	37	30	36	32		30.9
FARMERS 1 WNW	MAX	74	76	62	53	64	57	43	44	43	44	60	67	72	76	74	75	74	74	66	46	46	36	38	37	40	42	44	43	53	45		55.6
	MIN	62	62	42	29	24	33	22	16	26	30	26	33	43	45	49	47	43	42	42	28	36	21	18	31	31	22	38	33	35	35		34.8
FLEMINGSBURG 1 SW	MAX	72	75	66	52	63	61	38	42	46	47	58	65	70	74	73	72	74	72	67	44	47	36	36	35	39	43	43	42	50	41		54.8
	MIN	59	62	41	29	28	37	20	13	27	33	28	32	50	43	54	51	43	48	36	31	27	20	17	29	27	20	38	32	36	33		34.8
FRANKFORT LOCK 4	MAX	78	77	77	59	57	66	58	38	43	48	52	64	68	73	76	78	77	78	74	51	52	42	42	37	39	41	47	43	46	51		57.7
	MIN	59	60	41	32	31	32	23	18	19	29	28	29	31	41	41	50	46	46	48	34	34	24	22	24	31	25	25	32	34	37		34.2
LEXINGTON WSO	MAX	80	77	59	55	65	62	38	45	49	51	62	69	73	77	77	77	77	74	64	52	48	40	38	37	42	47	46	46	52	40		57.3
	MIN	62	57	40	30	34	31	22	18	35	35	33	39	51	50	57	52	51	53	33	32	31	22	24	32	27	27	37	29	38	32		37.1
MAYSVILLE SEWAGE PLANT	MAX	72	73	76	57	56	64	61	35	44	45	48	60	68	70	75	75	74	75	74	51	48	40	38	37	37	43	45	45	45	54		56.2
	MIN	53	54	38	34	30	34	23	11	20	30	27	29	35	40	42	48	38	39	40	30	31	25	18	19	26	22	28	32	30	30		31.9
MOUNT STERLING	MAX	75	77	72	65	63	65	42	43	47	48	62	65	71	74	75	72	75	73	69	49	50	38	35	35	38	45	45	44	51	43		56.9
	MIN	61	65	44	32	32	41	23	17	28	35	34	38	50	45	55	53	46	49	38	31	33	21	20	28	29	23	38	30	35	35		37.0
OWENTON	MAX																																
	MIN																																
RICHMOND	MAX	75	80	80	59	58	66	66	41	44	49	51	63	67	75	76	79	77	78	74	51	53	42	39	35	34	36	46	39	49	52		57.8
	MIN	62	64	41	29	34	40	21	17	25	35	30	35	41	50	55	51	49	52	50	31	34	18	22	25	28	26	30	31	35	35		36.5
SHELBYVILLE	MAX	74	77	75	57	56	64	55	35	42	46	52	62	68	72	75	76	75	76	72	49	52	40	38	35	37	43	45	40	46	50		56.1
	MIN	57	57	40	32	32	35	20	16	17	30	31	32	37	49	51	50	49	50	48	31	34	21	21	23	29	25	29	32	33	35		34.9
WARSAW MARKLAND DAM	MAX	75	74	72	57	52	65	56	33	43	45	51	60	66	70	77	75	74	75	72	50	51	46	39	36	38	45	45	45	44	47		55.9
	MIN	51	57	40	31	32	34	21	17	17	26	25	28	34	41	40	50	46	42	49	39	35	25	22	24	26	23	29	35	36	36		33.7
WAYNESBURG 7 NE	MAX	77	77	72	60	62	66	43	44	49	48	61	67	71	72	73	74	75	71	64	53	52	37	35	35	32	43	44	44	51	41		56.4
	MIN	61	63	39	27	29	39	20	15	30	31	27	33	49	45	53	46	46	51	34	29	31	18	22	28	25	22	35	31	37	33		35.0
WILLIAMSTOWN 3 NW	MAX	72	73	67	52	63	54	33	40	45	48	60	64	71	75	75	74	75	71	67	47	47	37	34	38	44	42	43	45	48	40		54.8
	MIN	55	59	40	30	35	32	17	16	30	29	33	39	50	48	59	54	50	53	39	31	30	20	20	28	27	25	34	31	35	33		36.1
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	79	70	79	60	54	65	67	39	43	44	52	61	66	72	76	78	72	74	75	59	46	40	36	39	37	38	42	45	43	55		56.9
	MIN	58	64	45	29	27	29	26	17	19	31	25	25	29	38	45	48	37	38	43	28	36	26	15	16	31	22	25	36	36	36		32.7
BARBOURVILLE	MAX	79	78	76	61	57	65	70	43	50	57	52	65	61	75	75	76	76	78	75	66	59	44	41	41	37	36	52	46	56	56		60.1
	MIN	52	63	52	29	26	27	28	18	17	34	25	25	29	37	39	42	42	40	42	39	39	22	20	26	32	21	21	36	36	38		33.2
BAXTER	MAX	77	77	73	60	55	60	65	42	48	54	51	62	66	71	72	74	73	73	69	63	54	39	39	40	40	39	48	43	50	57		57.8
	MIN	54	64	56	32	28	28	29	20	20	32	28	28	32	35	39	42	44	42	43	31	33	28	20	24	32	23	25	35	36	38		34.0
BLAINE	MAX	81	72	78	62	56	64	69	40	43	46	51	62	69	72	76	76	74	76	75	62	50	42	38	37	37	41	44	44	44	55		57.9
	MIN	54	60	44	27	24	24	25	13	20	29	22	27	27	37	39	43	37	37	39	24	36	18	13	18	31	18	24	34	32	37		30.4
CUMBERLAND	MAX	75	74	78	54	61	64	60	47	55	53	62	66	72	70	73	73	74	73	67	53	52	52	41	40	38	50	48	48	55	53		59.4
	MIN	60	63	50	27	22	35	27	16	22	32	22	27	35	34	48	40	40	38	47	28	30	24	11	29	24	20	36	34	40	34		33.2
DEWEY DAM	MAX																																
	MIN																																
GRAYSON 5 SE	MAX	79	71	79	59	55	63	66	40	43	45	50	61	67	72	76	76	73	76	75	61	47	41	38	37	34	40	43	44	42	55		56.9
	MIN	56	61	42	28	24	25	23	14	14	28	23	23	27	35	39	46	36	36	37	25	35	22	13	14	30	19	22	35	35	37		30.1
HEIDELBERG LOCK 14	MAX	76	77	76	56	65	69	68	43	53	52	61	68	74	75	76	76	76	76	73	54	55	39	38	37	36	43	44	45	54	54		59.6
	MIN	63	62	44	28	26	30	27	16	25	37	23	30	35	37	44	42	43	38	45	28	35	21	18	29	31	21	36	33	35	38		34.0
HINDMAN 11 NNE	MAX																																
	MIN																																
HYDEN	MAX	77	79	74	61	52	60	69	39	42	54	46	59	66	71	73	72	72	71	71	64	55	39	36	39	39	36	51	45	50	59		57.4
	MIN	51	63	51	31	27	27	28	19	19	31	25	25	31	37	37	41	44	41	41	32	33	24	19	21	32	23	25	36	35	38		32.9
JACKSON	MAX	80	75	82	66	59	68	71	46	50	51	54	65	70	77	78	79	77	79	77	64	54	41	44	38	36	41	48	48	49	56		60.8
	MIN	54	63	51	32	29	28	29	19	19	32	28	28	33	39	41	45	45	41	41	30	36	25	19	25	31	23	25	34	33	38		33.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	75	77	64	53	63	70	39	45	55	48	62	68	73	74	75	74	75	71	63	55	53	38	36	34	32	47	45	48	54	39		56.8
	MIN	64	64	34	29	27	33	22	19	28	29	26	31	43	40	49	44	40	47	30	28	31	23	23	30	25	22	37	36	39	33		34.3
MANCHESTER 4 SE	MAX	78	77	72	52	62	70	59	45	55	49	62	68	73	74	75	75	75	73	68	58	55	40	38	35	35	50	49	47	57	46		59.1
	MIN	64	63	48	28	26	30	27	17	25	37	24	28	37	37	42	41	42	39	58	29	35	21	18	29	31	21	40	35	31	36		34.6
MC KEE	MAX																																
	MIN																																
MIDDLESBORO	MAX	76	76	75	61	55	62	62	42	48	52	52	62	65	71	73	73	75	74	67	62	54	42	40	39	40	37	44	46	52	56		57.8
	MIN	54	63	54	31	25	25	30	18	17	37	24	21	32	36	37	43	44	41	42	28	28	26	20	29	32	23	26	36	37	38		33.2
MONTICELLO	MAX	80	76	67	56	65	71	49	48	52	51	65	70	75	74	77	74	80	72	65	57	52	40	37	37	36	49	48	52	55	40		59.0
	MIN	55	65	44	29	29	37	26	18	29	36	28	31	55	45	57	43	40	45	40	26	35	22	20	32	27	23	38	36	40	36		36.2
MOUNT VERNON	MAX	77	75	72	65	67	68	57	46	52	52	62	69	72	73	75	76	76	72	67	65	52	39	36	35	34	44	44	45	49	44		58.7
	MIN	63	65	49	27		44	24	15	28	34	30	34	35	44	57	44	42	52	39	33	33	20	20	29	27	21	37	32	37	35		36.2
PIKEVILLE	MAX	76	76	65	58	67	71	44	48	53	54	66	72	77	76	78	74	69	77	64	56	44	40	40	41	40	46	47	45	62	41		58.9
	MIN	65	63	48	33	30	34	32	21	25	40	30	33	43	40	45	49	36	42	49	33	36	29	20	37	30	24	40	36	35	36		37.1
SOMERSET 2 N	MAX	76	80	63	56	62	66	44	44	50	46	62	68	71	71	74	75	75	70	70	54	52	37	35	37	34	47	43	47	52	41		56.7
	MIN	56	62	48	30	28	38	24	19	30	35	26	30	46	42	51	42	39	48	38	29	35	20	23	30	29	21	38	35	40	36		35.6
STEARNS 1 W	MAX	76	77	76	55	63	70	58	48	52	52	54	69	72	73	75	76	72	65	67	57	49	40	36	35	43	48	41	56	54	53		58.7
	MIN	54	63	48	26	27	26	17	18	25	27	27	32	43	41	42	43	42	38	29	30	21	23	24	29	21	21	35	35	35	35		37.6
TOMAHAWK 1 WSW	MAX	78	75	79	60	52	62	68	41	41	48	49	58	66		75	75	72	73	72	63	52		37	39	38	38	47	47	45	58		57.4
	MIN	51	60	49	32	25	25	25	16	17	28	23	24	27	33	35	46	39	35	35	28	35	23	15	15	31	20	22	35	32	36		30.6
VANCEBURG	MAX	67	75	70	52	64	65	40	47	42	44	60	66	70	75	73	71	73	72	66				35	33		41	43	43	50	45		57.0
	MIN	61	60	39	28	25	31	20	15	30	33	25	25	52	37	57	46	38	38	41				15	30		20	38	36	36	35		35.0
WEST LIBERTY	MAX	80	74	78	58	55	65	66	38	45	45	51	62	67	77	70	75	74	78	75	63	53	40	40	37	34	40	44	44	45	53		57.6
	MIN	52	60	45	29	26	26	25	11	11	31	24	24	26	44	44	44	41	39	39	27	34	22	18	18	31	20	23	36	36	35		31.4
WILLIAMSBURG 1 E	MAX	78	77	77	58	64	70	55	49	55	51	65	71	75	72	77	77	77	71	67	56	41	38	38	39	38	45	49	55	56	50		59.7
	MIN	63	67	47	33	22	41	29	18	28	36	28	32	52	43	47	43	43	42	30	36	22	32	31	30	32	23	40	36	44	35		36.8

EXTREMES

HIGHEST TEMPERATURE 2 STATIONS	84	DATE	02+
LOWEST TEMPERATURE 4 STATIONS	11	DATE	23+
GREATEST TOTAL PRECIPITATION TOMAHAWK 1 WSW	3.61		
LEAST TOTAL PRECIPITATION CECILIA	1.14		
GREATEST 1 DAY PRECIPITATION BARDSTOWN	1.50	DATE	23
GREATEST TOTAL SNOWFALL LOUISVILLE WSO R	5.4		
GREATEST DEPTH OF SNOW 3 STATIONS	3	DATE	25+

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BAROSTOWN	4	MAX	65	67	67	62	67	62	55	50	49	49	51	50	55	56	58	59	59	58	58	56	50	49	45	42	43	42	43	43	45	44		53.3
		MIN	64	65	62	55	62	52	50	45	46	47	49	48	50	53	56	54	55	56	55	50	43	44	42	42	42	41	42	43	43	44		50.0
	20	5PM	65	66	66	65	63	65	60	58	56	56	54	56	56	56	57	59	59	59	59	59	58	56	55	53	52	52	52	51	51	51		57.5
BEREA COLLEGE	4	MAX	69	70	70	66	61	60	60	55	51	52	53	54	57	58	60	60	60	61	61	60	52	52	49	47	47	47	46	47	48	48		56.0
		MIN	68	69	65	60	54	54	55	50	51	51	50	52	54	56	58	59	58	59	59	52	52	49	47	46	47	44	46	45	47	47		53.5
	20	5PM	69	69	69	68	70	64	65	64	62	61	60	60	60	60	60	61	60	62	62	62	61	60	58	56	56	57	55	56	55	55		61.2
CAMPBELLSVILLE 2 SSW	4	MAX	68	68	66	62	57	56	53	50	50	52	52	53	56	56	59	60	58	58	57	57	53	58	57	46	46	46	45	47	47	46		54.8
		MIN	65	66	62	56	55	53	50	48	48	50	49	49	53	54	56	55	56	56	57	56	56	57	46	45	45	45	45	45	45	46		52.3
	20	6PM	66	66	66	65	65	59	59	59	58	57	57	57	57	57	57	58	58	58	58	57	56	56	55	55	54	54	52	52	52	51		57.7
CUMBERLAND GAP PARK	4	MAX	67	67	66	66	55	54	54	50	47	48	48	49	49	51	53	54	55	54	54	55	50	50	45	43	43	43	43	43	45	47		51.6
		MIN	65	66	63	55	51	51	50	45	45	46	45	46	44	48	50	51	53	52	53	49	48	45	41	43	43	40	42	42	43	45		48.7
	20	5PM	65	65	65	64	62	60	60	57	56	55	55	54	54	54	54	54	55	55	56	55	55	55	54	52	51	50	50	50	50	50		55.7
FLEMINGSBURG 1 SW	4	MAX	65	67	67	61	57	56	54	54	48	48	50	50	55	62	58	60	60	59	58	56	51	49	47	42	44	43	43	43	44	44		53.2
		MIN	64	65	61	55	52	54	49	44	46	47	46	47	50	55	55	57	56	56	55	50	48	44	42	42	42	41	42	43	43	44		49.8
	20	6PM	63	63	63	62	61	60	59	57	55	54	54	54	54	54	55	55	56	56	56	56	55	54	52	51	50	50	49	49	49	49		55.2
GLASGOW WKAY	4	MAX	67	68	68	68	59	58	57	54	52	53	53	54	55	57	59	59	59	59	58	57	53	52	49	48	48	48	47	49	49	49		55.5
		MIN	66	67	63	56	56	57	54	49	51	51	51	51	53	55	57	56	56	56	57	52	52	49	48	48	48	46	47	47	49	49		53.2
	20	6PM	65	66	65	63	62	60	61	59	58	57	57	57	57	57	58	58	58	58	58	58	58	57	56	54	54	53	53	53	52	52		57.8
GREENVILLE 2 W	4	MAX	68	69	70	65	59	58	55	52	50	56	53	54	56	58	61	60	60	58	67	57	53	62	46	45	46	47	45	47	47	47		55.7
		MIN	65	67	64	58	56	54	50	46	50	48	49	50	53	51	57	56	55	58	56	52	50	46	45	45	45	45	45	45	47	45		51.8
	20	5PM	67	67	66	64	63	62	60	58	58	-	56	56	52	58	58	58	59	59	59	58	57	55	54	53	52	52	52	52	52	51		57.5
HENDERSON 7 SSW	4	MAX	68	67	66	64	61	60	58	55	52	52	53	53	56	58	59	59	60	60	60	59	56	55	52	50	50	50	49	49	49	49		56.3
		MIN	66	66	64	61	60	58	55	52	52	52	52	53	53	56	58	59	59	60	59	56	55	52	50	50	50	49	49	49	49	49		55.1
	20	6PM	66	66	66	65	63	63	62	60	59	58	58	58	58	58	59	59	60	60	60	59	58	58	57	56	55	54	54	54	53	53		59.0
IRVINGTON	4	MAX	65	65	64	63	58	55	56	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	42	46	42	45	44	40	46		-
		MIN	65	64	62	57	55	55	51	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	41	41	41	42	44	44	45		-
	20	4PM	63	63	63	61	59	59	57	54	54	53	53	53	53	54	54	55	55	55	55	54	54	53	51	50	47	48	49	48	46	48		54.1
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	80	85	71	64	66	57	51	48	45	55	60	60	68	69	72	75	73	69	59	47	43	43	33	38	50	41	43	47	48	41		56.7
		MIN	62	60	45	38	37	39	33	29	35	37	39	38	-	-	53	50	50	51	38	37	35	31	30	33	34	33	38	35	38	37		39.8
	2	MAX	76	79	70	61	65	56	49	47	46	53	57	58	65	66	69	70	70	67	59	48	45	43	34	38	48	41	43	46	48	42		55.3
		MIN	63	62	49	42	40	42	36	32	37	40	37	40	-	-	53	53	-	53	41	39	38	34	33	34	36	34	39	36	39	37		41.4
	4	MAX	73	73	68	60	60	55	48	46	48	50	53	55	61	62	65	66	66	64	59	48	47	43	38	39	46	41	43	45	47	42		53.7
		MIN	64	63	54	47	45	46	40	36	40	42	40	42	-	-	54	54	54	54	46	43	41	38	36	36	39	37	41	38	40	40		44.6
	8	MAX	68	69	66	60	57	56	52	48	48	50	-	-	56	57	60	61	61	60	60	53	50	46	44	42	45	43	45	45	46	45		53.3
		MIN	65	63	60	54	52	52	48	44	45	46	45	47	-	53	55	56	57	57	53	49	46	44	41	41	42	42	43	43	43	43		49.3
(SOD)	1	MAX	69	69	64	58	57	56	51	49	50	51	60	54	57	58	60	61	61	60	58	51	50	46	44	44	46	45	46	46	47	44		53.7
		MIN	64	64	56	52	51	51	47	42	46	46	45	47	-	-	-	55	55	55	51	49	45	43	41	43	42	41	44	42	43	43		48.3
	2	MAX	68	69	64	58	58	56	51	50	51	52	57	54	57	58	60	61	61	60	58	52	51	47	45	45	47	45	46	46	47	45		54.0
		MIN	64	64	57	54	52	51	48	44	47	47	46	48	-	-	55	55	56	56	52	50	47	44	43	43	44	42	44	43	44	44		49.4
	4	MAX	67	68	64	59	58	57	53	50	50	52	53	54	56	57	59	60	59	59	58	54	52	48	46	46	46	45	46	46	47	46		53.8
		MIN	65	64	59	55	54	53	50	46	48	48	47	48	52	-	55	56	56	57	54	51	48	46	44	44	44	43	45	44	44	45		50.5

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Continued

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (SOD)	8	MAX	66	67	64	62	59	58	56	54	52	53	52	54	55	56	58	59	59	58	59	56	54	51	49	48	48	47	48	47	47	47		54.8
		MIN	65	63	62	58	57	56	54	50	51	51	51	50	53	54	55	56	57	57	56	54	51	49	47	47	47	46	47	46	44	46		52.7
	20	7PM	64	64	65	63	62	61	59	58	58	56	56	55	56	56	57	57	58	58	59	57	56	55	53	52	52	51	51	51	51	51		56.7
	40	7PM	64	64	65	64	64	64	63	63	62	61	61	60	60	59	60	59	60	60	60	59	60	59	59	58	58	57	56	56	56	56		60.2
MAYFIELD RAOID WNGO	4	MAX	69	68	67	68	72	-	54	52	67	55	55	55	55	-	58	59	-	59	58	-	-	52	56	56	-	59	59	51	51	50		56.5
		MIN	67	66	63	57	58	-	52	46	52	50	53	51	54	-	55	56	-	56	56	-	-	49	52	54	-	49	48	48	49	49		53.8
	20	5PM	68	67	67	68	63	-	60	64	59	60	59	58	57	-	58	59	-	58	58	-	-	56	57	58	-	55	54	53	53	-		59.5
PRINCETON 1 SE	4	MAX	66	67	67	63	60	58	56	52	50	52	52	53	56	58	58	60	59	58	58	58	54	52	48	47	47	47	47	48	48	48		54.9
		MIN	64	66	62	58	58	56	51	48	50	50	51	51	53	56	56	58	57	58	58	54	52	48	47	47	47	46	47	47	47	47		53.0
	20	5PM	66	66	66	65	63	62	61	59	58	58	57	57	57	58	59	59	59	59	59	59	58	57	55	55	55	48	53	53	53	53		58.2
QUICKSAND	4	MAX	68	68	69	65	59	56	56	52	49	50	50	51	55	55	56	58	58	56	57	55	55	48	44	42	42	41	42	44	45	45		53.0
		MIN	65	66	65	59	52	52	51	46	46	48	45	46	48	48	52	53	54	52	55	48	48	43	40	41	41	38	41	42	43	44		49.1
	20	4PM	66	66	66	64	62	60	54	56	55	50	54	53	54	54	55	55	56	56	56	54	54	52	50	49	48	47	48	48	48	48		54.6
SOMERSET 2 N	1	MAX	69	69	68	63	59	58	57	53	50	52	53	55	57	57	61	65	60	59	59	56	53	50	46	44	46	47	48	47	48	48		55.2
		MIN	66	66	62	55	53	54	51	47	50	50	47	49	51	52	56	54	54	55	56	50	50	45	44	43	44	43	41	44	47	46		50.8
	4	MAX	68	67	66	62	60	57	57	52	51	52	52	54	55	56	59	61	59	59	59	57	52	50	47	45	45	48	49	46	47	48		54.7
		MIN	66	64	62	55	55	57	52	47	50	51	47	50	51	52	56	55	55	56	57	51	50	46	45	44	43	44	42	44	46	46		51.3
	20	6PM	67	68	68	66	65	63	62	60	60	59	58	58	59	58	59	60	60	61	61	60	59	57	57	55	53	53	52	53	53	53		59.2
WILLIAMSTOWN 3 NW	4	MAX	66	66	66	61	56	56	55	50	50	48	50	52	55	57	59	60	60	61	59	56	51	49	47	46	45	45	44	45	45	45		53.5
		MIN	65	66	61	56	54	55	50	46	48	48	47	50	52	51	56	58	58	59	56	51	49	46	44	44	44	43	44	43	45	45		51.1
	20	6PM	64	64	64	63	60	60	58	57	55	54	54	54	55	55	55	56	56	56	57	57	55	54	53	51	50	50	50	50	50	49		55.5

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
EASTERN KENTUCKY UNIVERSITY	DISTURBED LOWELL	BLUEGRASS SOD	ZERO
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																	
ELKTON 2 S	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND																									T							
FORDS FERRY DAM 50	SNOWFALL																									T							
	SN ON GND																									T							
HENDERSON 7 SSW	SNOWFALL						2.0																	1.0	1.0							
	SN ON GND						1	T																1	T							
HOPKINSVILLE	SNOWFALL																								2.0	1.0						
	SN ON GND																								2							
MURRAY	SNOWFALL																								T							
	SN ON GND																															
OWENSBORO 2 W	SNOWFALL							T																2.0							
	SN ON GND																								2							
PADUCAH FAA AIRPORT	SNOWFALL						T		T															1.0	T							
	SN ON GND																								T							
PARADISE STEAM PLANT	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* * * CENTRAL 02																																	
BARDSTOWN	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOWLING GREEN FAA AP	SNOWFALL																							T	T							
	SN ON GND																															
CAMPBELLSVILLE 2 SSW	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IRVINGTON	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND																							1	1							
LOUISVILLE WSO	SNOWFALL						1.7																	2.2	1.5					T		
	SN ON GND							T																2	1						
	WTR EQUIV																								-							
MAMMOTH CAVE PARK	SNOWFALL																							1.0	.1		T					
	SN ON GND																							1	T							
MILLERSTOWN	SNOWFALL							T														T			1.7	T						
	SN ON GND																					T			T	T	T					
SUMMER SHADE	SNOWFALL																							1.0	T							
	SN ON GND																							T								
* * * BLUE GRASS 03																																	
BEREA COLLEGE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COVINGTON WSO	SNOWFALL						1.8			.2												T	T	.4	.6		T				T	
	SN ON GND							T	T	T															T							
	WTR EQUIV																															
CYNTHIANA	SNOWFALL							T			T														T	T						
	SN ON GND							T																T							
DANVILLE	SNOWFALL																								1.5	1.0						
	SN ON GND																								1	T						
FARMERS 1 WNW	SNOWFALL																								T							
	SN ON GND																								T							
LEXINGTON WSO	SNOWFALL						T														T		.6	.1						T	
	SN ON GND						T																		T							
	WTR EQUIV																															
MAYSVILLE SEWAGE PLANT	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLIAMSTOWN 3 NW	SNOWFALL						3.0	T		T												T		T	T		T				T	
	SN ON GND						3	1	T	T														T							
* * * EASTERN 04																																	
CUMBERLAND	SNOWFALL																					T			T							
	SN ON GND																															
HEIDELBERG LOCK 14	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND																						T		T	T						
HYDEN	SNOWFALL																							T	1.0							
	SN ON GND																							T	1							
LONDON FAA AP	SNOWFALL																					T		.6	3.0	T		T				
	SN ON GND																								T	T						
MIDDLESBORO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTICELLO	SNOWFALL																								.5							
	SN ON GND																															
PIKEVILLE	SNOWFALL																					.9				.3						
	SN ON GND																															
SOMERSET 2 N	SNOWFALL							T														T		1.0	T							
	SN ON GND																							1	T							

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBANY 4 M	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS. BARBARA M. COUL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6R	5P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6R			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5R	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5R	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6R	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA M. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		H	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	JAUNITA E HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EASTERN KENTUCKY UNIV	2409	03	MADISON	4	37 45	84 20	1000				G	PROF. WILL BLADEN
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD HAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATMIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	690	7A	7A			ALBERT SWAMAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4R	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NR	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N R
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4R	4P		GH	G.M. FOUTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN 8 SSW	4208	02	RUSSELL	2	36 52	85 07	930	8A	8A			MRS. ELSIE STURY
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FUSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	7P	7P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5R	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNUR
META	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA V MORME
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C H	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5R	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			CLAY B DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PARIS	6170	03	BOURBON	5	38 12	84 14	810				C	RODNEY NEWTON
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IOELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			V O SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5R	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD J. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD K. CUNNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585				C	INACTIVE 4/1/71
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
NEW STATIONS												
EASTERN KENTUCKY UNIV	2409	03	MADISON	4	37 45	84 20	1000				G	PROF. WILL BLADEN
PARIS	6170	03	BOURBON	5	38 12	84 14	810				C	RODNEY NEWTON

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 1/4/72-870

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
DECEMBER 1971
Volume 66 No. 12

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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	54.9	38.5	46.7		71	10	18	18	559	0	0	10	0	4.58		1.00	30	.0	0		8	4	1
BEAVER DAM	55.6	37.4	46.5		72	10	14	18	567	0	0	11	0	3.97		1.75	30	.0	0		7	1	1
FORDS FERRY DAM 50	53.7	36.6	45.2		72	10	18	18	607	0	0	10	0	3.93	.76	.84	7	.0	0		8	4	0
GILBERTSVILLE KY DAM	56.2	39.0	47.6		71	10	17	18	531	0	0	8	0	3.88		.84	30	T	0		9	4	0
GOLDEN POND 8 N	56.8	38.1	47.5		73	11	19	18	538	0	0	9	0	4.31		.82	30	.0	0		8	4	0
GREENVILLE 2 W	55.8M	37.7M	46.8M	8.1	70	10	16	18	558	0	0	10	0	4.36	.49	1.67	30	.0	0		8	4	1
HENDERSON 7 SSW	53.2	37.9	45.6	7.9	72	10	16	18	597	0	0	9	0	3.39	-.20	.88	30	T	0		8	2	0
HICKMAN 1 E	55.6	39.5	47.6		71	27+	19	18	533	0	0	6	0	4.22		1.28	9	T	0		9	3	1
HOPKINSVILLE	55.7	36.8	46.3	7.5	73	11	18	19+	574	0	0	11	0	3.38	-.62	.65	9	.0	0		10	3	0
LOVELACEVILLE	54.9	38.5	46.7	7.5	70	10	17	18	562	0	0	10	0	3.89	-.12	.75	9	.0	0		8	4	0
MADISONVILLE 1 SE	55.2	36.3	45.8		71	10	14	18	588	0	0	12	0	4.26		1.10	30	.0	0		7	4	1
MAYFIELD RADIO WNGO	55.6	37.7	46.7		72	10	17	18	560	0	0	9	0	4.63		1.08	30	T	0		10	3	1
MURRAY	55.2	39.3	47.3	7.2	72	10	18	18	544	0	0	8	0	3.67	-.43	1.05	9	T	0		10	1	1
OWENSBORO 2 W	54.2	38.1	46.2	8.7	69	27+	16	18	578	0	0	8	0	3.38	.13	.87	15	.0	0		9	2	0
PADUCAH FAA AIRPORT	53.8	37.0	45.4		72	10	18	18	601	0	0	9	0	4.32		.86	6	T	0		10	4	0
PADUCAH SEWAGE PLANT	54.5	37.2	45.9		72	11	20	19+	587	0	0	8	0	3.51	-.08	.96	7	.0	0		8	4	0
PRINCETON 1 SE	55.5	38.2	46.9	8.1	73	10	13	18	556	0	0	9	0	3.69	-.21	.81	30	T	0		9	4	0
ROCHESTER LOCK 3	55.2	36.5	45.9		71	11	17	19	585	0	0	12	0	3.05		.53	7	.0	0		11	1	0
RUSSELLVILLE	55.5	39.0	47.3	9.0	70	11	19	18	543	0	0	10	0	3.73	-.42	.51	20+	.0	0		10	3	0
DIVISION			46.5	7.7										3.90	.09			T					
* * *																							
CENTRAL 02																							
ANCHORAGE	52.6	35.6	44.1	8.4	68	10	12	18	638	0	0	14	0	4.05	.75	1.35	6	T	0		7	3	1
BARDSTOWN	56.1	36.8	46.5		71	10	11	18	569	0	0	12	0	4.60		1.06	6	.0	0		9	3	1
BARREN RIVER RESERVOIR	56.0	36.3	46.2		73	11	14	18	577	0	0	12	0	3.96		.78	6	.0	0		8	2	0
BERNHEIM FOREST	56.5	36.3	46.4		71	10	11	18	569	0	0	14	0	4.14		.87	20	.0	0		8	4	0
BOWLING GREEN FAA AP	55.4	36.6	46.0	6.9	74	10	16	18	581	0	0	14	0	4.30	-.04	1.02	9	T	0		9	3	1
BRADFORDSVILLE	55.9	36.6	46.3		71	11	13	18	574	0	0	11	0	3.47		.90	20	.0	0		8	2	0
CAMPBELLSVILLE 2 SSW	55.5	38.5	47.0		71	10	13	18	553	0	0	9	0	4.02		1.23	6	T	0		8	3	1
CECILIA	55.0	36.7	45.9	9.6	70	10	11	18	583	0	0	12	0	4.59	.83			T	0				
GLASGOW WKAY	54.7	39.0	46.9		72	10	14	18	556	0	0	8	0	4.40		.88	6	.0	0		8	4	0
GREENSBURG	56.9	35.7	46.3	8.3	73	11	17	19+	574	0	0	14	0	3.78	-.18	1.13	6	.0	0		8	3	1
HODGENVILLE-LINCOLN NP	55.6M	36.9M	46.3M		69	10	13	18	575	0	0	10	0	4.97		1.02	28	.0	0		8	4	1
IRVINGTON	55.2	35.7	45.5	7.8	70	10	14	18	597	0	0	16	0	3.64	.20	.63	20+	T	0		8	3	0
JAMESTOWN	54.7	36.8	45.8		70	11	13	18	589	0	0	11	0	5.01		1.73	6	.0	0		7	3	1
LEITCHFIELD 2 N	54.7	36.0	45.4	7.0	70	10	14	18	601	0	0	13	0	4.35	.33	.80	20	.0	0		11	4	0
LOUISVILLE	54.6	38.8	46.7		71	10	16	18	559	0	0	8	0			.76	6	T	0			2	0
LOUISVILLE WSO R	53.4	36.8	45.1	8.8	71	10	16	18	610	0	0	11	0	2.98	-.24	.74	6	T	0		9	2	0
MAMMOTH CAVE PARK	56.8M	38.3M	47.6M		71	10	18	18	534	0	0	9	0	4.29		1.01	20	.0	0		8	4	1
NOLIN RIVER RESERVOIR	55.1	34.6	44.9		71	11	13	19+	616	0	0	15	0	3.50		.93	20				9	3	0
ROUGH RIVER DAM	54.4	34.4	44.4		71	11	12	19+	630	0	0	15	0	3.87		1.10	30	.0	0		9	3	1
SCOTTSVILLE 3 SSW	56.4	39.5	48.0		72	10	16	18	519	0	0	8	0	4.74		.78	7	.0	0		11	5	0
SUMMER SHADE	55.1	38.6	46.9		78	10	14	18	557	0	0	8	0	5.05		.83	6	T	0		10	6	0
DIVISION			46.1	8.1										4.19	.34			T					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	57.5	37.4	47.5	8.7	71	15+	14	18	536	0	0	10	0			1.30	6	.0	0				1
CARROLLTON LOCK 1	55.0	35.8	45.4		71	10	14	18	601	0	0	11	0	2.82	.21	.80	7	.0	0		7	2	0
COVINGTON WSO R	49.3	33.0	41.2	7.9	67	10	12	18	731	0	1	15	0	3.39	.64	.99	30	T	T	18	8	2	0
CYNTHIANA 2	53.4	32.5	43.0		71	11	11	18	681	0	0	13	0	2.31		.47	20	.0	0		8	0	0
DANVILLE	54.2	34.4	44.3		69	16+	14	19+	633	0	0	12	0	3.79	.25	1.23	6	.0	0		9	3	1
DIX DAM	55.0M	39.1M	47.1M		70	10	17	18	548	0	0	7	0			1.32	6	.0	0			4	1
FALMOUTH 5 WNW	53.4M	32.9M	43.2M		71	10	13	18	671	0	0	17	0	3.86	.82	1.32	6	.0	0		7	2	2
FARMERS 1 WNW	56.3	36.6	46.5	9.3	71	15	14	18	570	0	0	11	0	3.44	.21	1.12	6	.0	0		6	3	1
FLEMINGSBURG 1 SW	53.8	35.5	44.7		72	10	11	18	624	0	0	12	0	4.45		1.37	6	.0	0		8	4	1
FRANKFORT LOCK 4	54.2	33.5	43.9	6.9	72	11	15	19+	648	0	0	15	0	3.65	.54	1.33	6	.0	0		8	3	1
LEXINGTON WSO R	54.5	36.8	45.7	9.8	72	10	15	18	591	0	0	12	0	4.30	.85	1.12	6	T	0		9	4	1
MAYSVILLE SEWAGE PLANT	52.7	31.8	42.3	6.4	73	11	15	19+	697	0	0	15	0	4.21	1.02	1.73	6	T	T	18	8	3	1
MOUNT STERLING	55.4	37.6	46.5		71	15	13	18	565	0	0	11	0	3.68	.10	1.00	6	T	0		8	3	1
OWENTON																							
RICHMOND	54.6	35.1	44.9		72	16	11	18	616	0	0	12	0	3.27		1.11	6	.0	0		8	2	1
SHELBYVILLE	52.7	33.1	42.9	6.5	70	11	13	19	677	0	0	13	0	3.86	.40	1.47	7	.0	0		7	3	1
WARSAW MARKLAND DAM	52.2	32.6	42.4	6.6	71	11	16	19+	696	0	0	15	0	3.32	.43	.86	7	.0	0		9	2	0
WAYNESBURG 7 NE	55.8	36.6	46.2		71	10	9	18	573	0	0	11	0	3.34		1.13	6	.0	0		6	3	1
WILLIAMSTOWN 3 NW	52.7	35.3	44.0	8.5	69	10	12	18	643	0	0	12	0	3.82	.81	1.23	6	T	0		8	2	1
DIVISION			44.5	7.4										3.59	.23			T					
* * *																							
EASTERN 04																							
ASHLAND	55.0	33.2	44.1	5.8	78	11	16	3+	638	0	0	15	0	1.52	-1.31	.54	7	T	T	18	6	1	0
BARBOURVILLE	57.8	35.1	46.5		72	11	11	19+	566	0	0	14	0	2.91		1.59	7	.0	0		5	1	1
BAXTER	56.4	36.5	46.5		71	11	18	19+	571	0	0	11	0	3.21		1.28	7	.6	0		9	2	1
BLAINE	56.1	31.8	44.0		76	11	14	2	646	0	0	15	0	1.60		.67	7	.0	0		6	1	0
CUMBERLAND	59.5	37.9	48.7		72	11	13	18	497	0	0	8	0	2.84		1.05	7	.0	0		9	1	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 159

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
GRAYSON 5 SE	55.1	31.6	43.4		77	11	14	2	664	0	0	16	0	1.45		.59	7	.0	0		4	1	0
HEIOELBERG LOCK 14	58.9	36.1	47.5		74	11+	14	18	536	0	0	11	0	1.87	- 1.41	.78	7	.0	0		5	1	0
HINOMAN 11 NNE	60.2	35.4	47.8		75	10	15	18	524	0	0	10	0	2.56		1.45	7	.0	0		5	1	1
HYOEN	57.1M	34.2M	45.7M		73	16	15	19+	591	0	1	17	0	2.39		1.37	7	.0	0		5	1	1
JACKSON	57.7	35.3	46.5		75	11	17	19	567	0	0	11	0	1.66		1.03	7	.0	0		4	1	1
LONOON FAA AP	55.6	37.0	46.3		72	15+	11	18	573	0	1	11	0	2.52		.84	6	T	0		6	1	0
MANCHESTER 4 SE	59.3	36.2	47.8		73	15+	13	18	528	0	0	11	0	2.53		1.33	7	.0	0		6	1	1
MC KEE																							
MIOOLESBORO	56.1M	37.2M	46.7M		69	16+	16	19+	562	0	1		0	4.18		1.76	7	T	0		8	2	1
MONTICELLO	56.6	38.4	47.5		72	27	16	18	536	0	0	10	0	3.83		1.17	6	.0	0		8	2	2
MOUNT VERNON	57.1	39.0	48.1		71	15	14	18	519	0	0	10	0	3.96		1.17	6	.0	0		8	3	1
PIKEVILLE	58.9M	40.9M	49.9M		78	10			451	0	0	9	0	2.16	- 1.01	1.13	7	.0	0		5	1	1
SOMERSET 2 N	56.0	37.7	46.9		69	10	14	18	555	0	0	10	0	3.77		1.16	6	T	0		8	3	1
STEARNS 1 W	56.7M	M	M		71	28	13	18		0	0		0	3.42		1.41	7	.0	0		8	1	1
TOMAHAWK 1 WSW	56.8M	32.2M	44.5M		78	11	15	19	626	0	1		0	2.57		1.36	7	.0	0		6	1	1
VANCEBURG	54.8	34.7	44.8		73	10	15	18+	620	0	0	12	0	3.76	.65	1.28	6	.0	0		8	3	1
WEST LIBERTY	55.2	33.6	44.4		74	16+	14	19+	632	0	1	11	0	1.73		.55	7	T	0		5	1	0
WILLIAMSBURG 1 E	59.8	39.6	49.7	9.8	74	15	14	18	470	0	0	10	0	2.81	- 1.03	1.23	7	.0	0		8	1	1
OIVISION			46.5	7.8										2.69	- .94			T					

EXTREMES

HIGHEST TEMPERATURE 4 STATIONS	78	OATE	11+
LOWEST TEMPERATURE WAYNESBURG 7 NE	9	OATE	18
GREATEST TOTAL PRECIPITATION SUMMER SHADE	5.05		
LEAST TOTAL PRECIPITATION GRAYSON RESERVOIR	1.23		
GREATEST 1 DAY PRECIPITATION MIOOLESBORO	1.76	OATE	07
GREATEST TOTAL SNOWFALL BAXTER	.6		
GREATEST OEPTH OF SNOW 6 STATIONS	T	OATE	18+

KENTUCKY - DECEMBER 1971

SPECIAL WEATHER SUMMARY

It was one of the warmest Decembers of record, temperatures averaging from 6° to 10° above normal. At Louisville, this month tied 1931 as the warmest December since 1923. At Lexington, it was the warmest December since the record and warmest December of 1889. There were near-record or record high temperatures on several dates.

It was a cloudy month, measurable precipitation falling on from 10 to 14 of the days over much of the State. Precipitation totals generally were moderate, but light in portions of the east. For the State as a whole, practically all of the precipitation was in the form of rain, and less snow was recorded than in any December since 1940. In 1940 and in 1971 most locations recorded no more than traces of snow, with some southeastern locations at higher elevations having several inches of snow. In 1940, Lynch (Harlan County, elevation 4,000 feet) recorded 2 inches of snow. In 1971, 2 inches of snow were recorded on the 4th on Big Black Mountain (Harlan County, elevation 4,137 feet); 3 inches were recorded on the 3d at Cumberland Gap Park (Bell County, elevation 1,200 feet).

It was a windy month, some of the days with the highest wind speeds observed (depending on location) being the 10th, 15th, 17th, 18th, 19th, 28th, and 30th. A news report indicated a 75 m.p.h. speed observed at the Owensboro-Daviess County Airport about 10 a.m. on the 10th, and 67 m.p.h. at Barkley Field, Paducah, 8:35 a.m. National Weather Service Cooperative Stations on the 10th recorded speeds of 45 m.p.h. from the south-southeast at 11 a.m. at Glasgow and 53 m.p.h. from the southwest at Somerset. At Bowling Green a wind speed on the 10th of 63 m.p.h. at 11:22 a.m. was reported.

There were heavy thunderstorms and high winds on the 10th and 15th, and several tornadoes on the 15th. These storms resulted from spring-like weather situations as strong cold weather fronts swept down across Kentucky to meet warm, moist air from off the Gulf of Mexico. In general, activity was heaviest in the west. There were about 14 injuries due to high winds on the 10th, and one injury on the 15th. Considerable damage was sustained on the 10th, widespread, but heaviest in the west, damage estimates totaling several hundred thousand dollars. Lesser damage occurred on the 15th, at least two dozen mobile homes damaged or destroyed (tally from news reports). The four tornadoes on the 15th touched down in McCracken, Graves and Marshall, and Henderson Counties in western Kentucky, and in Warren County in south-central Kentucky. The three tornadoes in western Kentucky touched down between 3 and 4 a.m. in the morning. A small tornado touched down in Warren County about 8:30 a.m. No tornado-related injuries were reported and damage was minor to moderate.

For further details of these and other events see the accompanying tables and this month's issue of STORM DATA.

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Room 205, Agricultural Exp Station
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Lexington, Kentucky 40506

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	4.58				.02	.04	.29	.75	.03	.77	.24				.07	.74				.28	.04	T						T	.36		1.00	
BEAVER DAM	3.97					.02	.07	.47	.02	.46	.17					.42				T	.42								.17		1.75	
CALHOUN LOCK 2	3.38				.01	.07	.10	.82	.03	.38	.16	.22			T	.16	.45				.34	.02							.40		.16	.06
COBB	4.86					.18	.10	.68		.62		.22				.72					.48								.84		1.02	
DAWSON SPRINGS	3.94	T			T	T	.12	.71	.27	.63	T	.11			T	.50					.23								.30		1.07	
DUNDEE	4.10					*	*	*	1.08	*	*	.74				.45					.47								.34		1.02	
DUNMOR	2.54				.04	.03	.20	.45	T	.53	.02	.12			T	.22	T				.47								.14		.32	T
ELKTON 2 S	3.03				.02	.06	.22	.37	.03	.39	.22	.29				.20	.15	.04			.35	.02							.24		.41	.02
FORDS FERRY DAM 50	3.93				T	.07	.15	.84	.04	.57	.08	.20			T	.54	.06				.36	.03					.03		.15		.81	
FRANKLIN 1 E	4.17				.08	.07	.49	.51	.04	.32	.35	.47				.33	.16	.05			.45								.47		.38	
GILBERTSVILLE KY DAM	3.88			T	.04	.05	.20	.67	.03	.62	.30					.61		T		.10	.16					T			.26		.84	
GOLDEN POND 8 N	4.31					.08	.10	.70	.07	.73	.07	.27				.70					.41							.01	.35		.82	
GREENVILLE 2 W	4.36				T	.05	.10	.53	.01	.60	.22					.58				.02	.25	T							.33	T	1.67	
HARTFORD 6 NW	3.01					.03	.07	.86	.01	.43		.19				.59					.32	T					T		.32		.19	
HENDERSON 7 SSW	3.39				.05	.06	.36	.57	T	.33	.22				T	.48				.16	.09	.01				.02			.16		.88	
HICKMAN 1 E	4.22	T	T	T	T	T	.40	.29	T	1.28	.41				.04	.70				.13	.16	T			T				.24		.57	
HOPKINSVILLE	3.38				.03	.14	.10	.59	.02	.65	.07	.21			T	.51	.10	T			.40							T	.24		.32	
LOVELACEVILLE	3.89				.02		.25	.74		.75	.33					.65					.13								.36		.66	
MADISONVILLE 1 SE	4.26				T	.05	.07	.81	.03	.64	.04	.24				.56					.33	.04					T		.35		1.10	
MAYFIELD RADIO WNGO	4.63				.10	.02	.31	.38	.03	.94	.33				.05	.56				.15	.78	.03						T	.37	T	1.08	T
MURRAY	3.67			T	.06	.03	.12	.39	.01	1.05	.25				.31	.45				.11	.21	.02						.04	.19	.01	.42	
OWENSBORO 2 W	3.38					.15	.10	.83	.03	.36		.20				.87					.35								.13		.36	
OWENSBORO DAM 46	3.46					.09	.12	.84	.03	.31	.10	.22				.24	.57				.37	.01					T		.11		.45	
PADUCAH FAA AIRPORT	4.32			T	.04	.12	.86	.15	.01	.68	.28			T	.16	.78	T			.30	.01					T		.02	.30	.08	.53	
PADUCAH SEWAGE PLANT	3.51				T	.03	.11	.96	.02	.54	.08	.23			T	.60	T				.21	T				T	T		.20		.53	
PARADISE STEAM PLANT R	3.39				T	.02	.15	.61	.02	.25	.26	.25				.04	.31	T			.36								.30	T	.11	.71
PRINCETON 1 SE	3.69			T	.06	.08	.22	.52	.02	.61	.16					.65		.01		.10	.16					T		T	.29		.81	
ROCHESTER LOCK 3	3.05					.02	.11	.53	.02	.30	.13	.29				.16	.25				.40					T			.30		.31	.17
RUSSELLVILLE	3.73				.06	.05	.23	.41	.03	.50	.17	.51				.35	.28	.03			.51								.30		.30	T
SEBREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								.14		.39	
UNIONTOWN DAM 49 //	3.20			T		.02	.15	.69	.02	.27	.08	.15			.01	.45	.10				.26						T		.22		.78	T
* * * CENTRAL 02																																
ALBANY 4 N	4.65				.16		1.59	1.40			.45	.08		.05			.09	.06			.55								.09		.13	
ANCHORAGE	4.05				T	.01	1.35	.59	.01	.01	.48					.32				T	.55								.38		.35	
BARDSTOWN	4.60					.08	1.06	.46	.02	.25	.26					.38				.11	.78								.25		.95	
BARREN RIVER RESERVOIR	3.96	T			.05	.04	.78	.67	.03	.05	.44	.34					.33	.05			.48					.02	.01		.18	.01	.08	.40
BERNHEIM FOREST	4.14				T	.07	.86	.61	.04	.25	.13					.31					.87					T	T		.25		.75	
BOWLING GREEN	3.96				.07	.10	.57	.50	.05	.50	.10	.32					.62	.04			.55							.04	.25		.25	
BOWLING GREEN FAA AP	4.30			.02	.02	.35	.54	.14	T	1.02	.40				T	.70		.01		.48	.05			T	T	.01		.01	.22	.02	.31	
BRADFORDSVILLE	3.47						.31	.63	.07	.26		.31					.42				.90								.22		.35	
BROWNSVILLE	3.49				T	.06	.65	.59	.02	.25	.29	.16				T	.35				.75	T							.16		.21	T
BURKESVILLE 2 W	5.00				.17	.04	1.52	.97	.05	T	.57	.16					.40	.05			.56								.15	.04	.32	
CAMPBELLSVILLE 2 SSW	4.02			T	T	T	1.23	.62	.02	.18	.27		T		T	.35					.91					T		T	.21		.23	
CANEYVILLE	4.34				.09		.47	.71	.11	.23	.21	.25					.31				.73								.29		.42	.52
CECILIA	4.59			T	.05	.35	.40	.60	.04	.28	.14					.33				.10	.70								*	*	1.60	
EDMONTON	4.51						1.05	.75		.40		.60					.40				.71								.10		.15	.35
GAMALIEL 1 S	4.58	T		T	.11	.01	1.02	1.03	.08	.02	.74	.03		T		T	.42	.06			.58								.10		.24	.14
GLASGOW	3.42					.05	.51	.73	.08	.20	.10	.35					.10	.03			.62								*	*	.65	
GLASGOW WKAY	4.40			.03	.01	.07	.88	.64	.05	.42	.49				T	.23		.03		T	.83					T		.01	.16		.55	
GLENDALE 1 E	4.27						.96	.56	T	.26	.12	.11					.35				.95								.25		.71	
GREENSBURG	3.78				T	T	1.13	.61	.02	.07	.12	.35					.33	T			.79								.18		.18	T
GREENSBURG HIWAY 61	3.52				T	T	1.15	.63	T	.04	.14	.25					.27				.74								.14		.13	.03
HODGENVILLE-LINCOLN NP	4.97					.08	.89	.43	T	.31	.34				T	.35		T		.05	.86							T	1.02		.64	
IRVINGTON	3.64					.03	.44	.54	.02	.63	.41					.31				.07	.63								.15		.41	
JAMESTOWN	5.01				.03	T	1.73	.81	.02		.36	.39		.03			.49	.05			.68								.07		.32	.03
LEITCHFIELD 2 N	4.35				T	.02	.57	.63	.14	.17	.20	.35	.04				.45	.01			.80					T	T		.23	T	.21	.53
LIBERTY	4.54						1.39	.77	.02		.11	.78					.17				.94								.11		.02	.23
LOUISVILLE	-				T	.10	.76	.59	T	.12	.20					.30				.06	.41					T			-		.25	
LOUISVILLE WSO R	2.98				T	.14	.74	.58	T	.12	.19				T	.25				.41	.09					T		.02	.24	T	.20	
LOUISVILLE UPPER GAGE	3.14				T	T	.60	.70	.08	.05	.10	.15			T	T	.35				.42	.02							.27	.20	.20	
MAMMOTH CAVE PARK	4.29			T	T	.08	.90	.60	.02	.40	.39				T	.55		T			1.01					T			.14		.20	
MILLERSTOWN	4.14				T	.04	.79	.58	.04	.21	.10	.12				T	.43	.01			.82	T				T	T		.21	T	.23	.56
MUNFORDVILLE	3.69				T	T	.90	.58	T	.16	.16	.16				T	.40	T			1.04						T		.15		.13	.01
NOLIN RIVER RESERVOIR	3.50					.04	.63	.58	.04	.20	.25	.20				T	.21	T			.93	T							.22	T	.20	T
ROUGH RIVER DAM	3.87				T	T	.26	.69	.04	.40	.07	.10			T	.15	.15				.58	T				.02		T	.31		1.10	
SCOTTSVILLE 3 SSW	4.74			.14		.11	.67	.78	.05	.76	.65		.02			.25				.12	.42								.20		.57	
SCOTTSVILLE 2 SW	4.35			T	.10	.05	.75	.80	.05	.40	.20	.50		T	T	.15	.20				.50								.15		.50	
SHEPHERDSVILLE	3.32				T	T	.72	.88	.03	.17	.08	.04					.19				.71	T							.17		.33	
SUMMER SHADE	5.05			.15	T	.19	.83	.82	T	.58	.78		.03		T	.35		.05		.09	.53								.12		.53	
WOODBURY LOCK 4	3.81				T	.03	.35	.62	.05	.30	.25	.21				.01	.28				.68						T		.20		.23	.60
* * * BLUE GRASS 03																																
BEREA COLLEGE	-					.10	1.30	.32		.28	.32					.16				T	.38								-	-	-	
BEREA	2.86						1.13	.45	.05		.08	.18					.17				.39								.16	.06	.02	.17
CARROLLTON LOCK 1	2.82					.04	.62	.80	.04	.04	T	.09			T	T	.31				.37						T	T	.13		.20	.18
COVINGTON WSO R	3.39				T	.18	.81	.31	T	.02	.12		T		.24	.32		T		.29	.03					T	T	.03	.05		.99	T
CYNTHIANA	3.39	T				.02	1.44	.98	.03	T	.06	.11					.03		T		.43	T	T				T		.18		.02	.09
CYNTHIANA 2	2.31						.44	.35	.03		.10	.18					.17				.47								.19		.33	.05
DANVILLE	3.79					T	1.23	.67	.01	T	.21	.14					.45	T			.69								.14	T	.11	.14
DIX DAM	-						1.32	.60	.05	.13	.10	.15					-				.78	T							.16		.62	
FALMOUTH 5 WNW	3.86					.02	1.32	1.28	.12		T	.06			T	T	.16		T		.37						T		.22		.08	.23
FARMERS 1 WNW	3.44					T	1.12	.45	.02	.02	.09	.09		T			.26	T			.50	.02							.29	T	.03	.55
FLEMINGSBURG	4.43					T	1.25	.98	.03	.02	.02	.32				T	.51		T		.62	T			T		T		.16		.05	.47
FLEMINGSBURG 1 SW	4.45					.34	1.37	.58	.02	.02	.30		T			.49				T	.55	T				T	T		.18		.60	
FORD LOCK 10	3.67					T	1.13	.56	.02		.12	.13		T	T	T	.18	T			.66	T				T	T		.08	T	.04	.75
FRANKFORT LOCK 4	3.65				T	T	1.37	.82	.02	T	.11	.15				T	.15				.63	.02							.15		.03	.24
GEORGETOWN WATER WORKS	3.63					.20	1.18	*	*	*	.80	.09					*	*	*	*	.74								*	*	.62	
GEST LOCK 3	3.45	T				T	1.1[illegible]	1.07	.05	.04	.04	.08			T		.20				.53						T		.24		.10	
HIGH BRIDGE LOCK 7	4.35					T	1.2[illegible]	.53	.03	T	.19	.15					.30				.84	T							.18	T	.13	.72
KEENE 1 SSW	4.5[illegible]						1.45	.45	T		.25						.31	T			.80								.31		.98	
LA GRANGE 1 ESE	3.4[illegible]				T	.05	.95	.59	.07	.10	.23			T	T	.25				T	.50							T	.33		.33	
LANCASTER	3.96					*	1.19	.73	.04		.21	.49					.41				.66								.19		.04	
LEXINGTON WSO R	4.30			T	T	.54	1.12	.33	T	.10	.06				T	.20		T		.58	.15					T		T	.28		.94	
LITTLE HICKMAN LOCK 8	3.87						1.11	.68			.20	.18				T	.46				.73								.12		.09	.30
LOCKPORT LOCK 2	3.51				T	T	.96	1.12	T	.04	.04	.08					.29				.55	.06						T	.22		.13	.02
MAYSVILLE SEWAGE PLANT	4.21	T				.06	1.73	.85	.05	T	.03	.12		T		.03	.19	T	T		.54	.10	.03				T	T	.31		.02	.15
MIDWAY	3.87					T	1.40	.81	.02	T	.13	.14					.14				.57								.16		.06	.44
MOUNT STERLING	3.68				T	.20	1.00	T	.35	T	.18				T	.28		T			.55	T			T	T	T	T	.22		.90	
OWENTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHMOND	3.27				T	T	1.11	.46	.04	T	.18	.28					.27				.60	T							.19		.10	.04
SALVISA LOCK 6	4.09					T	1.34	.67	.02	.04	.21	.22			T		.29				.82	.04							.27	T	.17	
SHELBYVILLE	3.86						.77	1.47	.15	.08	.01	.03					.29				.62	.01							.19		.21	.03
SPRINGFIELD	3.75						1.14	.51	T	T	.27						.21				.93								.21		.22	.26
TAYLORSVILLE	3.86					T	1.00	.71	.02	.10	.18	.06					.23				.78								.23		.20	.35
TYRONE LOCK 5	4.25	T				T	1.40	.86	T	T	.15	.15				T	.08				.76	.02					T		.11	T	.04	.68
VALLEY VIEW LOCK 9	4.15	T			T	T	1.13	.71	.03	T	.16	.19		T	T	T	.35				.73	T					T		.11	.02	.14	.58
WARSAW MARKLAND DAM	3.32					.03	.57	.86	.25	T	.05	.10				.05	.22				.42								.10		.31	.36

See reference notes following Station Index

DAILY PRECIPITA TION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.34					T	1.13	.56	T	T		.27		.08			.08				.73								.15	T	.06	.28
WILLIAMSTOWN 3 NW	3.82	.01				.16	1.23	.70	.03	.02	.20		T		.01	.32			T	T	.38	.01				.02			.29	.09	.35	
• • •																																
EASTERN 04																																
ALLEN	2.22	.01					T	1.45	.03								.19	.03	T		.35	T				T				.16		
ASHLAND	1.52					.02	.17	.54	.03			.02					.06	T	T		.18	.20							.14			.16
BARBOURVILLE	2.91				T		.08	1.59			.19	.07		.08			.33	.03			.35								T	.13		.06
BAXTER	3.21	T			.13		.03	1.28			.18	.19		.20	T		.38	.02	T		.57	T							T	.10	T	.13
BLAINE	1.60						.05	.67				.12		.03			.14				.33								.13			.13
BUCKHORN	2.15				T		.05	1.25	T	T	.03	.05		.08			.20	.05	T		.30	T							T	.14	T	T
BURDINE 2 NE	1.73							1.05									.20				.38								.10			
CLAY CITY 1 WNW	3.00				.05	T	1.20	.50	T		.10	.10			T	T	.05				.60	T							.20		T	.20
COLLEGE HILL LOCK 11	2.53	T					1.10	.41	T		.11	.12					.03				.58								.15	T	T	.03
CUMBERLAND	2.84			.18	.02		.05	1.05	T	.12	T	.26	.14	T	T	.30	.02	.06		T	.38	T					T	T	.12	.02	.12	T
CUMBERLAND FALLS ST PK	2.91			.20		.31	.11	*	*	*	1.50					.11		.05		.10	.14								.18		.21	
ELKHORN CITY	1.99	.03			.08		.06	.82	T			.11		.07			.12	.05			.38					T					T	.27
FISHTRAP RESERVOIR	2.13				.06	.02	.02	1.15		T	T	.07		.11			.07	.11	T		.37	T						.03	T	.12		
FREEBURN 2 SW	2.49	.01				T	.10	1.22	.01			.18		.15			.26				.38								.02	.16		
FRENCHBURG	3.40						1.40	*	*	*	.55	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.45
GRAYSON 5 SE	1.45	T				T	.13	.59		T	.02	T					.08		T		.45								.06			.12
GRAYSON RESERVOIR	1.23					T	.18	.48				.07		.11			.05		T		.17								.02	.03	T	.12
HAZARD WATER WORKS	2.55						.10	1.31			.10	.15		.09			.19	.05			.28									.16		.12
HEIDELBERG LOCK 14	1.87				T	T	.34	.78			T	T		.03			.10	T			.45								T	.07	T	.10
HINDMAN 11 NNE	2.56							1.45					.3[illegible]			.21					.34								.15		.03	
HYDEN	2.39	T			T		.04	1.37				.18		.09			.21	.04			.30								T	.02		.14
JACKSON	1.66						.13	1.03	T	.03	T			.12				.04			.27	T								T		.04
JEREMIAH	2.22			.04			.13	1.10		.08		.08	.0[illegible]			.15					.30					T			.10		.15	
LLOYD GREENUP DAM	2.47						.70	.48	T		.09	.05				.02	.18	T	T		.38	.02							.08		.07	.40
LONDON FAA AP	2.52			.02	.01	.20	.84	.45	.02	.07	T		.0[illegible]			.09		.01		.32	.18				T				.09	.01	.12	
LOUISA 2	1.42						T	.80	T		T	.02				.04	.06		T		.31								T	.16		.03
MANCHESTER 4 SE	2.53				T		.13	1.33			.11	.05					.22	.04			.43									.09		.13
MC KEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
META	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLESBORO	4.18	T			.43		.10	1.76			.11	.08		.17	T		.60	.09	T		.40	T								.02		.42
MONTICELLO	3.83				.11		1.17	1.15	.01	T	.33	.18		.01			.27	.05			.31									.24		
MOUNT VERNON	3.96			T		.03	1.17	.75	.03	.04	.28		T			.21				.26	.71							T	.18		.30	
ONEIDA	1.39						.18	.43									.10	.09	.11		.28											.20
PAINTSVILLE 1 S	1.74							1.25						.03		T			T		.23								.14		.09	
PIKEVILLE	2.16			T		T	.18	1.13		.01			.20			.06		T		T	.42								.16		T	
PINEVILLE 4 NW	3.35				.13		.07	1.52			.24	.06		.12			.58	.08			.24								.09	.12		.10
RAVENNA LOCK 12	1.89				T		.75	.52	.06		.03	T					.02				.30	T							T	.20		.01
SALYERSVILLE 2 SE	2.03						.05	1.16	.05												.62							.06	.09			
SOMERSET 2 N	3.77			.04	T	.10	1.16	.97	.02	.17	.11		.04			.15		.05		.04	.55							T	.09		.28	
STEARNS 1 W	3.42				.24		.46	1.41			.32			.05			.23	.06			.31									.18		.16
TILFORD	1.65			T				.31				.28	.19			.19				.27	.11								.12		.18	
TOMAHAWK 1 WSW	2.57	.05					.02	1.36	.10		.07	.20		.05			.13	.05			.33								.10		.07	.04
VANCEBURG	3.76					.15	1.28	.62		.03	.14	.01				.34			T		.44								.20		.55	
WEST LIBERTY	1.73		T			T	.20	.55	.03	T	.08	.15					.12	T		T	.42	T				T			.09	T	T	.09
WILLIAMSBURG 1 E	2.81				.14		.14	1.23			.23	.16		.08			.35	.06			.24									.10	.08	
WILLOW LOCK 13	1.92				T	T	.46	.67	T	T	.03	.11		T			.10	.02			.34	T							T	.12		.07

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WSO	22	3.6	10.3	37++	22	15	77	78	68	71	7	4	6	2	0	0	19	-	8.2
LEXINGTON WSO	20	4.1	10.9	37++	19	10	74	77	62	68	7	1	5	3	1	0	17	-	7.8
LOUISVILLE WSO	22	2.7	9.8	34	SW	30	76	78	64	68	5	2	7	2	0	0	16	35	7.6

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	41	41	40	43	46	52	55	51	53	71	58	64	52	68	70	55	50	48	46	58	46	50	52	54	67	67	70	65	50	66	52	54.9
	MIN	30	25	34	34	41	43	46	45	42	52	31	31	36	44	51	35	39	18	29	45	35	32	36	47	49	51	56	30	29	49	28	38.5
BEAVER DAM	MAX	41	41	40	44	45	54	60	52	52	72	62	62	61	70	69	57	50	47	43	60	53	48	53	60	59	65	69	67	51	64	53	55.6
	MIN	28	23	32	34	40	43	48	46	43	50	31	31	35	40	54	35	38	14	25	37	39	29	33	47	47	55	48	31	25	48	31	37.4
FORDS FERRY DAM 50	MAX	38	40	39	43	47	53	55	53	58	72	54	59	48	69	67	63	50	38	50	56	45	48	53	58	62	65	70	44	61	66	42	53.7
	MIN	30	25	33	35	41	43	46	44	43	45	32	36	36	45	47	38	22	18	31	39	35	31	37	46	41	57	41	28	27	35	29	36.6
GILBERTSVILLE KY DAM	MAX	42	42	40	43	45	54	60	52	52	71	60	64	61	66	68	62	53	49	44	59	56	52	53	54	61	69	68	68	50	66	59	56.2
	MIN	30	22	34	35	41	43	48	46	43	43	33	39	36	45	53	39	40	17	33	41	39	32	32	49	49	55	56	30	29	49	29	39.0
GOLDEN POND 8 N	MAX	41	46	42	45	48	56	60	55	53	64	73	61	65	60	71	64	57	54	44	55	62	48	51	53	52	62	68	71	45	69	65	56.8
	MIN	29	28	28	35	38	42	48	46	42	47	35	36	36	36	53	40	40	19	21	39	45	34	35	47	49	50	60	32	30	32	29	38.1
GREENVILLE 2 W	MAX	40	40	40	42	45	55	61	52	52	70	63	62	60	69	69	62		45	43	62	55	48	53	55	60	64	69	67	51	65	55	55.8
	MIN	28	23	32	34	40	43	48	46	43	50	31	33	35	41	54	37		16	28	39	35	30	33	47	48	55	48	30	26	49	28	37.7
HENDERSON 7 SSW	MAX	39	39	40	40	45	52	58	52	52	72	58	61	50	69	69	54	50	36	43	52	47	48	53	58	59	62	69	66	50	65	42	53.2
	MIN	28	26	32	34	38	43	47	45	44	50	32	33	36	39	53	39	36	16	30	39	38	28	34	46	45	58	55	28	28	41	33	37.9
HICKMAN 1 E	MAX	43	42	42	44	45	51	58	50	53	71	60	66	58	69	70	54	52	47	42	61	46	53	53	53	65	69	71	65	51	66	54	55.6
	MIN	33	28	35	34	41	43	47	45	43	53	34	33	37	44	52	36	41	19	28	42	35	33	38	48	48	56	57	32	28	51	29	39.5
HOPKINSVILLE	MAX	44	44	42	39	44	50	60	53	53	67	73	56	65	55	69	66	58	51	37	54	66	54	52	50	53	61	65	69	47	66	65	55.7
	MIN	31	28	28	34	34	42	49	47	43	45	35	36	35	35	52	40	39	18	18	29	44	32	32	43	46	49	57	35	28	29	29	36.8
LOVELACEVILLE	MAX	43	42	40	42	45	52	55	51	53	70	58	64	56	69	65	55	50	46	41	60	54	51	51	55	53	68	69	64	50	65	55	54.9
	MIN	31	26	35	35	41	42	50	47	44	50	30	30	36	45	52	32	40	17	25	40	36	33	35	46	48	53	57	30	30	50	26	38.5
MADISONVILLE 1 SE	MAX	40	40	41	42	46	54	60	53	52	71	60	63	60	68	69	58	51	47	43	59	53	49	52	55	60	64	70	67	51	65	49	55.2
	MIN	27	22	30	33	38	41	46	44	39	48	29	32	33	39	53	38	38	14	25	33	40	30	32	45	46	54	48	29	25	46	28	36.3
MAYFIELD RADIO WNGO	MAX	44	42	42	45	44	53	59	52	52	72	59	64	61	63	63	56	56	46	39	58	56	53	52	64	61	68	68	65	51	61	56	55.6
	MIN	30	25	34	34	37	34	47	45	40	51	32	39	36	42	52	34	39	17	23	39	36	32	34	46	48	50	58	30	27	51	26	37.7
MURRAY	MAX	42	41	41	42	44	55	59	51	54	72	54	63	55	68	70	55	48	42	44	61	50	51	53	51	63	68	69	64	55	65	60	55.2
	MIN	32	29	34	34	41	42	48	43	42	54	35	36	36	42	50	39	41	18	30	44	40	32	38	46	47	54	57	32	29	45	29	39.3
OWENSBORO 2 W	MAX	40	41	42	43	49	53	59	53	55	69	63	62	52	69	67	53	49	39	42	55	51	51	53	54	57	63	69	66	50	66	44	54.2
	MIN	28	28	32	35	40	44	48	45	45	52	39	41	38	41	51	35	35	16	26	35	35	32	35	45	45	52	52	28	27	44	33	38.1
PADUCAH FAA AIRPORT	MAX	41	41	39	42	46	52	53	52	59	72	56	64	49	68	70	53	50	40	50	58	45	52	52	55	63	68	68	43	61	65	42	53.8
	MIN	28	25	34	36	40	42	47	44	45	45	32	33	37	47	45	38	22	18	32	36	35	34	37	49	49	53	43	29	28	36	28	37.0
PADUCAH SEWAGE PLANT	MAX	44	41	41	41	43	45	55	52	52	60	72	55	64	58	70	61	59	51	40	54	58	45	52	52	56	63	70	70	42	61	62	54.5
	MIN	33	28	28	34	35	41	44	46	44	48	35	33	37	36	54	37	37	20	20	35	41	35	33	44	49	48	56	30	29	31	31	37.2
PRINCETON 1 SE	MAX	40	40	39	42	45	53	60	51	52	73	61	63	61	68	70	58	51	47	43	60	55	51	52	52	60	66	70	68	48	65	58	55.5
	MIN	28	24	33	34	40	42	47	46	41	51	32	35	35	42	53	36	39	13	29	39	42	31	38	47	48	56	57	29	26	43	27	38.2
ROCHESTER LOCK 3	MAX	43	42	41	41	45	52	61	58	52	64	71	57	63	53	69	67	55	50	36	54	63	50	49	52	59	59	64	69	42	64	65	55.2
	MIN	30	25	26	26	36	43	50	47	43	44	34	33	34	36	52	40	38	18	17	32	41	32	31	45	49	49	59	35	27	27	31	36.5
RUSSELLVILLE	MAX	42	44	42	39	46	53	61	56	53	64	70	58	61	57	68	67	61	50	38	54	64	50	50	52	52	61	64	68	45	66	65	55.5
	MIN	34	30	31	37	39	44	46	50	48	49	38	40	39	40	50	50	44	19	21	29	40	28	30	48	44	44	60	40	32	32	32	39.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	38	37	35	50	47	53	58	50	51	68	62	56	52	67	66	58	47	42	46	51	50	44	48	53	53	61	65	65	52	63	44	52.6
	MIN	22	19	26	30	42	44	50	45	42	49	31	28	31	35	57	41	36	12	24	35	35	26	28	45	36	53	54	30	23	44	31	35.6
BARDSTOWN	MAX	40	39	37	53	53	61	60	53	53	71	66	58	58	69	69	64	50	44	47	60	55	45	49	55	55	63	68	66	55	66	58	56.1
	MIN	26	21	29	32	44	45	52	46	43	50	33	31	27	37	59	40	37	11	23	38	38	27	29	45	43	54	48	33	23	46	30	36.6
BARREN RIVER RESERVOIR	MAX	43	43	42	39	50	50	60	58	53	62	73	61	58	59	70	71	61	49	39	55	65	52	50	52	53	59	62	70	45	68	65	56.0
	MIN	29	26	27	33	35	44	49	48	45	45	37	35	33	30	52	42	40	14	15	30	39	31	32	43	48	48	50	38	29	30	27	36.3
BERNHEIM FOREST	MAX	42	40	38	52	52	55	60	53	53	71	69	60	60	68	69	66	54	47	48	55	53	46	50	56	56	63	68	67	55	65	59	56.5
	MIN	25	20	30	31	43	45	52	46	42	51	31	29	27	35	57	39	37	11	22	36	42	25	28	48	42	51	49	32	22	49	30	36.3
BOWLING GREEN FAA AP	MAX	42	41	40	48	46	58	60	54	57	74	58	59	55	69	70	61	49	37	51	64	51	49	50	53	59	62	69	62	59	66	44	55.4
	MIN	27	24	32	32	43	45	49	42	43	49	37	31	30	41	48	41	22	16	24	41	35	30	31	47	47	49	56	28	29	37	28	36.6
BRADFORDSVILLE	MAX	40	42	40	44	55	55	60	60	51	64	71	61	60	60	70	69	60	48	39	54	62	50	49	54	54	59	60	68	43	66	66	55.9
	MIN	24	19	29	34	42	45	54	47	42	47	37	30	29	40	58	39	39	13	21	38	44	34	29	42	42	46	47	38	25	31	29	36.6
CAMPBELLSVILLE 2 SSW	MAX	41	40	38	53	52	57	59	50	53	71	65	56	53	68	70	64	51	42	48	62	56	48	48	53	53	60	67	67	53	65	57	55.5
	MIN	27	24	30	33	42	43	49	46	42	53	37	35	31	40	59	44	40	13	23	44	41	29	33	46	45	50	53	37	26	50	27	38.5
CECILIA	MAX	40	38	37	50	48	54	59	50	57	70	61	59	60	67	67	58	48	42	45	61	55	47	49	54	55	62	67	65	53	64	62	55.0
	MIN	21	28	33	33	42	45	46	46	43	51	32	30	32	33	54	39	38	11	30	38	36	32	30	47	40	44	53	32	24	47	29	36.7
GLASGOW WKAY	MAX	41	40	36	48	46	57	58	51	54	72	61	56	55	68	69	60	49	40	47	64	55	49	50	52	58	60	68	63	54	65	51	54.7
	MIN	29	25	32	33	43	45	50	46	44	53	37	34	34	42	60	41	39	14	25	42	40	30	36	48	47	52	45	37	27	51	27	39.0
GREENSBURG	MAX	43	45	42	40	53	50	61	60	52	64	73	61	60	58	71	72	63	50	39	54	64	54	54	53	55	59	62	69	48	67	68	56.9
	MIN	29	24	27	33	37	45	49	48	43	46	39	31	31	32	50	38	39	17	17	26	42	30	31	35	47	48	46	41	27	28	30	35.7
HODGENVILLE-LINCOLN NP	MAX	40	40	38	50	50	55	59	52	52	69	65	60	58	66	66	65	54	46	47	59	59	47	49	53		61	67	66	52	64	60	55.6
	MIN	26	22	30	33	43	45	51	46	43	51	34	33	30	39	54	39	38	13	24	37	42	29	31	46		43	50	33	25	48	28	36.9
IRVINGTON	MAX	41	39	38	49	48	54	60	52	62	70	62	61	56	68	69	63	52	46	44	54	54	46	50	54	56	64	64	67	51	64	54	55.2
	MIN	25	21	29	32	42	44	51	45	44	44	29	28	31	31	55	35	35	14	26	35	32	28	31	45	43	53	48	29	24	47	31	35.7
JAMESTOWN	MAX	39	42	39	36	50	56	61	59	49	62	70	58	56	58	68	69	60	45	35	53	63	54	48	51	54	58	59	69	45	65	65	54.7
	MIN	28	24	27	31	34	44	54	46	44	44	40	38	36	39	56	46	39	13	16	34	41	29	30	41	47	48	50	39	27	30	27	36.8
LEITCHFIELD 2 N	MAX	42	41	39	48	46	54	59	56	60	70	64	58	54	68	68	54	47	41	48	61	52	46	50	54	57	63	68	67	52	64	46	54.7
	MIN	28	22	30	33	34	44	49	46	42	51	33	31	29	38	47	38	27	14	23	37	36	29	31	47	43	53	49	32	24	45	30	36.0
LOUISVILLE	MAX	40	40	37	53	51	54	60	51	53	71	65	60	57	70	69	60	51	37	48	54	51	47	50	55	54	65	65	65	53	64	43	54.6
	MIN	28	27	29	33	44	47	50	46	47	51	38	35	35	38	59	45	31	16	29	37	39	30	33	49	40	54	56	33	28	43	33	38.8
LOUISVILLE WSO	MAX	39	39	38	53	48	56	61	51	54	71	58	58	47	69	68	55	48	35	47	53	47	45	51	57	60	63	67	59	53	65	40	53.4
	MIN	26	24	30	33	45	47	48	47	45	53	34	31	34	37	52	43	21	16	26	43	34	27	33	44	38	55	55	29	26	37	28	36.8

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
DECEMBER 1971

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
		Day of Month																															
MAMMOTH CAVE PARK	MAX	42	40	39	49	49	55	59	52	53	71	64	61	56	68	68	68	57	45	47	63	58		56	54	55	62	68	66	53	66	61	56.8
	MIN	29	24	31	33	43	44	49	46	43	51	35	33	30	39	51	40	39	18	24	39	41		35	48	47	52	48	35	26	49	26	38.3
NOLIN RIVER RESERVOIR	MAX	44	41	41	38	49	52	60	59	50	63	71	58	60	54	69	69	58	49	37	53	64	48	47	51	54	63	63	68	46	65	65	55.1
	MIN	28	25	25	31	34	43	51	46	41	44	36	29	30	30	50	37	35	13	13	30	38	32	31	43	46	48	46	36	27	27	29	34.6
ROUGH RIVER DAM	MAX	46	42	40	39	47	51	60	58	51	64	71	58	60	53	68	65	55	49	39	51	60	45	48	51	55	59	63	69	40	65	64	54.4
	MIN	27	23	24	30	32	43	49	45	44	44	33	32	33	35	50	38	37	12	12	31	38	29	29	40	44	46	52	32	26	26	30	34.4
SCOTTSVILLE 3 SSW	MAX	42	41	38	48	46	55	60	53	53	72	65	58	56	69	70	66	54	43	47	65	60	48	50	53	58	62	69	67	57	64	60	56.4
	MIN	31	26	31	33	43	44	44	47	46	51	37	41	34	45	57	45	39	16	26	33	41	30	39	46	48	50	53	36	27	56	29	39.5
SUMMER SHADE	MAX	42	40	36	53	47	58	60	51	55	78	59	57	58	68	69	60	47	40	48	64	53	50	50	52	58	60	65	63	55	65	47	55.1
	MIN	30	25	31	34	43	46	50	47	41	52	37	36	35	43	58	42	40	14	24	43	38	30	35	42	47	52	45	33	27	47	29	38.6
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	38	38	37	55	53	60	60	53	54	71	66	55	60	68	71	69	57	45	48	60	59	51	54	57	58	67	66	66	56	66	63	57.5
	MIN	26	24	29	34	45	44	52	47	45	46	40	34	31	39	54	48	39	14	27	39	43	25	26	48	34	44	51	39	25	43	24	37.4
CARROLLTON LOCK 1	MAX	40	38	36	51	51	54	62	54	53	71	69	58	53	68	70	63	53	46	47	52	51	44	51	56	56	62	63	63	51	66	54	55.0
	MIN	23	19	26	33	41	44	52	46	43	49	34	28	30	33	45	43	37	14	19	35	41	29	29	45	35	50	53	32	23	45	33	35.8
COVINGTON WSO	MAX	36	37	34	47	45	52	58	47	50	67	56	54	42	63	65	52	43	31	43	48	41	41	47	52	54	58	63	54	50	62	35	49.3
	MIN	21	19	24	32	39	45	46	44	41	50	31	30	27	34	47	41	16	12	25	35	33	28	28	34	33	54	54	22	20	34	24	33.0
CYNTHIANA 2	MAX	38	40	38	37	54	54	58	61	50	56	71	55	58	47	69	70	56	47	40	49	55	42	44	52	56	58	61	65	43	65	65	53.4
	MIN	20	16	16	27	34	42	46	47	45	44	34	27	26	27	43	38	37	11	12	31	41	28	25	33	40	37	53	37	22	35	33	32.5
DANVILLE	MAX	39	40	40	38	53	49	60	61	54	59	69	58	60	53	69	69	60	46	42	51	60	48	46	53	53	53	59	66	44	65	64	54.2
	MIN	25	21	21	28	33	46	48	46	42	43	36	37	33	33	48	44	39	14	14	30	44	28	28	38	40	40	46	41	24	24	31	34.4
DIX DAM	MAX	40	40	37	52	53	55	62	54	54	70	67	59	59	67	64	56		34	48	58	58	45	48	54	55	60	64	66	55	64	51	55.0
	MIN	27	25	29	34	46	45	54	47	45	53	38	42	33	35	55	40		17	33	41	44	31	31	48	44	41	49	39	32	41	33	39.1
FALMOUTH 5 WNW	MAX	40	37	35	49	47	54	62	53	53	71	60	59	56	69	70	57	46	35	47	52	50	42	48	55	53	60	65	63	51	64		53.4
	MIN	15	22	17	28	38	43	50	45	43	50	28	25	22	28	56	35	35	13	21	36	30	23	21	46	27	48	55	25	18	43		32.9
FARMERS 1 WNW	MAX	41	39	37	51	53	52	62	55	55	68	67	60	60	70	71	66	53	42	50	57	56	44	49	56	54	63	64	66	58	66	60	56.3
	MIN	23	18	26	31	41	44	52	46	45	48	37	30	30	37	61	35	38	14	28	37	41	31	28	42	35	52	48	38	22	43	34	36.6
FLEMINGSBURG 1 SW	MAX	38	36	35	50	47	53	62	52	53	72	64	58	55	68	71	62	50	42	47	54	51	42	48	53	51	60	62	64	53	64	51	53.8
	MIN	20	18	24	30	40	42	51	46	43	48	36	33	29	35	55	44	36	11	20	37	37	28	28	41	34	49	53	32	20	47	32	35.5
FRANKFORT LOCK 4	MAX	41	44	39	39	53	50	60	63	51	62	72	54	60	51	68	69	57	48	38	51	54	46	45	53	56	60	63	62	40	65	65	54.2
	MIN	24	20	21	29	34	43	49	47	45	45	37	30	29	29	41	40	39	15	15	22	44	29	29	31	36	38	54	39	25	25	34	33.5
LEXINGTON WSO	MAX	42	39	38	54	49	58	64	51	55	72	56	60	51	69	67	56	47	34	50	58	50	47	52	56	59	61	67	64	57	66	40	54.5
	MIN	26	22	29	33	46	48	50	47	44	53	35	35	32	42	51	44	20	15	26	45	34	29	32	47	38	52	52	27	26	34	26	36.8
MAYSVILLE SEWAGE PLANT	MAX	39	40	39	35	48	48	56	64	50	55	73	55	60	46	68	71	57	46	33	49	51	43	43	52	58	59	61	65	42	63	65	52.7
	MIN	24	20	20	25	35	38	41	43	43	45	33	27	30	25	33	43	38	15	15	25	40	27	24	31	34	39	56	41	20	22	35	31.8
MOUNT STERLING	MAX	39	39	35	55	51	55	63	54	53	70	64	58	55	67	71	66	55	43	48	56	55	45	50	53	53	60	63	63	55	65	59	55.4
	MIN	25	21	26	31	43	44	54	46	43	51	37	36	30	36	61	45	36	13	29	37	40	29	29	47	38	52	50	34	23	48	32	37.6
OWENTON	MAX																																
	MIN																																
RICHMOND	MAX	39	41	38	36	55	54	59	61	51	60	71	57	59	54	69	72	62	49	36	48	61	49	46	52	54	57	59	65	47	64	68	54.6
	MIN	25	22	24	23	29	44	48	46	44	45	39	37	34	36	54	43	40	11	16	36	44	29	29	39	39	40	48	40	26	29	28	35.1
SHELBYVILLE	MAX	41	39	38	38	52	50	59	60	48	62	70	53	58	47	68	68	55	47	34	49	53	45	43	51	55	59	62	66	36	64	64	52.7
	MIN	21	20	20	28	34	44	48	46	43	43	34	33	30	31	45	42	36	14	13	28	40	27	28	35	37	40	53	34	23	24	33	33.1
WARSAW MARKLAND DAM	MAX	40	40	37	37	49	48	54	61	48	54	71	52	56	51	68	66	55	44	36	50	50	46	44	50	55	60	62	67	40	61	65	52.2
	MIN	22	19	22	28	35	40	44	45	42	42	39	27	27	27	38	44	38	16	16	24	43	32	30	32	35	36	56	36	21	21	34	32.6
WAYNESBURG 7 NE	MAX	40	37	36	55	50	58	58	51	52	71	68	56	56	67	69	62	62	42	48	62	60	49	48	52	56	58	69	63	55	66	55	55.8
	MIN	29	21	26	29	42	41	48	43	42	50	35	39	31	38	58	45	37	9	22	38	40	26	31	43	41	51	48	34	26	46	25	36.6
WILLIAMSTOWN 3 NW	MAX	39	35	33	51	46	54	60	52	52	69	60	56	52	67	67	59	49	42	45	52	50	42	48	54	52	61	63	62	53	64	44	52.7
	MIN	20	21	23	29	41	43	50	45	42	46	33	37	28	33	58	44	34	12	23	34	38	27	29	45	34	49	54	25	23	43	31	35.3
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	39	41	37	36	53	58	57	67	53	56	78	57	63	51	69	74	62	46	38	45	57	47	44	55	56	61	61	65	52	59	68	55.0
	MIN	22	16	16	28	33	41	45	50	44	45	44	28	29	30	40	38	40	17	18	32	39	30	23	28	38	40	46	50	22	22	35	33.2
BARBOURVILLE	MAX	40	46	42	38	59	57	63	64	51	61	72	66	59	63	70	70	64	51	37	54	63	58	52	55	52	62	62	69	61	64	68	57.8
	MIN	27	19	21	32	33	46	55	49	42	42	45	31	31	39	43	45	45	11	11	20	44	32	27	37	42	40	40	52	29	29	30	35.1
BAXTER	MAX	40	43	42	37	57	57	62	65	51	58	71	63	58	60	65	70	64	48	34	50	60	59	51	50	57	60	62	66	57	64	66	56.4
	MIN	28	22	22	32	33	41	52	50	43	43	46	35	37	40	45	47	47	18	18	22	46	31	32	35	43	40	42	44	30	30	36	36.5
BLAINE	MAX	40	44	39	36	56	60	58	68	52	56	76	60	66	55	71	75	62	45	34	48	61	55	46	55	56	60	60	65	50	61	70	56.1
	MIN	21	14	22	27	34	44	48	47	44	41	40	28	30	33	38	38	38	17	15	22	41	30	20	24	34	41	44	47	20	21	24	31.8
CUMBERLAND	MAX	44	47	40	58	59	61	61	62	57	70	72	63	68	66	69	65	62	48	49	63	58	54	52	58	58	65	67	64	57	65	62	59.5
	MIN	24	31	35	30	34	50	52	38	38	52	42	39	43	34	59	43	43	13	16	38	43	30	27	48	38	50	38	48	25	42	33	37.9
GRAYSON 5 SE	MAX	39	41	37	35	51	57	59	67	52	57	77	59	62	53	71	74	62	45	33	48	58	48	44	55	55	61	61	65	48	65	68	55.1
	MIN	21	14	15	26	29	40	50	49	45	45	41	26	27	29	37	38	38	17	16	19	41	28	20	25	34	40	50	46	20	20	34	31.6
HEIDELBERG LOCK 14	MAX	42	42	39	54	54	53	62	57	55	74	74	63	58	69	73	71	62	47	49	64	63	48	52	56	57	60	66	69	54	70	68	58.9
	MIN	23	18	30	32	38	44	50	48	44	43	41	29	35	37	51	39	42	14	17	40	42	30	24	40	38	47	42	44	26	43	28	36.1
HINDMAN 11 NNE	MAX	52	45	45	53	62	64	66	58	62	75	74	72	65	68	72	68	56	43	45	60	59	49	49	58	60	61	68	64	60	68	66	60.2
	MIN	31	25	32	30	32	45	45	44	42	41	34	35	34	30	56	46	36	15	17	34	36	34	24	41	41	41	39	35	25	43	35	35.4
HYDEN	MAX	41	40		39	53	61	66	66	52	57	72	59	63	57	69	73	63	47	31	51	60	60	47	50	57	61	61	68	56	65	67	57.1
	MIN	27	21		21	32	32	36	48	43	45	45	32	32	38	42	46	45	15	15	20	44	31	26	26	40	40	42	51	29	29	32	34.2
JACKSON	MAX	40	38	42	38	57	61	61	66	51	56	75	65	67	62	70	74	66	49	37	54	63	57	51	54	56	59	60	68	56	65	71	57.7
	MIN	27	21	22	30	34	43	45	49	47	44	45	33	34	39	43	43	45	18	17	20	43	35	26	28	38	38	43	54	28	28	33	35.3
LONDON FAA AP	MAX	42	39	34	55	54	61	63	50	55	72	61	63	56	68	72	62	47	32	51	62	55	50	49	56	61	59	69	61	56	65	44	55.6
	MIN	27	24	30	33	45	46	50	47	45	49	45	34	38	42	56	44	22	11	21	46	37	29	29	46	43	42	42	31	26	40	26	37.0

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MANCHESTER 4 SE	MAX	43	40	37	55	59	62	62	55	56	72	73	64	60	69	73	67	59	45	50	62	60	51	52	57	61	61	70	68	58	68	68	59.3
	MIN	26	18	30	32	36	42	50	48	42	45	43	30	35	37	57	45	43	13	17	33	44	29	25	41	38	41	41	45	25	44	28	36.7
MC KEE	MAX																																
	MIN																																
MIDDLESBORO	MAX	44	44	44	41	55	55	59	64	52	56	69	63	60	62	67	69	65	47	31	52	55	59	53	47	56	59	66	65	59	64		56.1
	MIN	28	19	20	31	35	45	52	49	48	48	45	35	35	40	47	48	46	16	16	26	48	30	29	37	45	46	42	54	28	28		37.2
MONTICELLO	MAX	43	42	36	52	50	60	61	51	55	70	66	57	59	69	70	63	50	39	50	64	57	51	50	56	60	60	72	65	56	66	56	56.6
	MIN	26	22	31	32	45	46	50	47	45	52	38	34	36	40	61	44	39	16	24	37	40	30	32	46	40	46	46	39	26	51	28	38.4
MOUNT VERNON	MAX	42	39	37	55	52	59	61	53	54	70	65	61	59	66	71	65	55	43	54	62	58	56	49	55	58	57	67	66	57	65	60	57.1
	MIN	24	23	28	31	45	44	51	46	44	50	40	37	32	38	60	48	39	14	26	42	42	40	30	45	41	53	52	40	25	52	27	39.0
PIKEVILLE	MAX	45	41	42		62	67	73	54	57	78	66	60	63	72	77	67	49	40	50	56	58	52	55	60	61	64		63	56	71	48	58.9
	MIN	28	22	29		43	53	54	50	44	45	47	37	44	40	54	49	40		21	45	46	32	31	48	38	48		44	30	45	38	40.9
SOMERSET 2 N	MAX	42	39	35	54	50	59	60	59	53	69	65	56	58	65	68	61	56	41	48	63	54	48	47	54	58	58	68	64	53	66	64	56.0
	MIN	25	23	30	32	44	44	50	47	45	48	41	33	35	40	55	45	41	14	21	41	39	29	30	41	44	53	42	42	25	43	26	37.7
STEARNS 1 W	MAX		44	44	34	52	61	61	60	49	63	69	64	56	63	64	69	62	45	37	56	62	54	52	53	55	61	65	71	49	62	65	56.7
	MIN		23	21					47		48	41	38	40	40		45	41	13				29	29					47	22			
TOMAHAWK 1 WSW	MAX	40	41	39	38	54	60	67	65	51	57	78	60	65	55	71	77	62	48	31	51	59	54	46				62	66	56	67	71	56.8
	MIN	23	16	16	27	31	44	44	49	43	40	35	29	28	34	40	40	44	16	15	22	39	34	21				41	51	22	23	35	32.2
VANCEBURG	MAX	36	36	36	46	48	49	62	56	55	73	65	59	57	68	71	66	52	41	43	57	51	42	49	55	54	62	65	64	56	65	59	54.8
	MIN	15	16	18	24	37	42	48	49	44	46	40	26	30	30	55	43	40	15	17	41	41	29	23	48	34	49	44	33	20	45	34	34.7
WEST LIBERTY	MAX	39	43	40	37	50	60	57	64	52	55	74	62	55	57	71	74	61	46	32	49	61	50	47	55	55	58	61	65	50	62	69	55.2
	MIN	24	18	18	28	34	40	43	49	47	43	43	38	33	33	38	40	40	14	14	20	43	34	24	24	40	40	48	49	24	24	35	33.6
WILLIAMSBURG 1 E	MAX	45	44	41	52	54	62	65	55	55	73	73	61	62	69	74	67	60	46	57	65	62	56	48	58	61	62	72	69	55	67	63	59.8
	MIN	27	21	31	32	42	44	53	47	46	50	46	33	40	41	57	52	42	14	24	42	45	31	30	44	45	54	40	45	28	53	29	39.6

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN	4	MAX	44	43	40	42	43	45	50	50	50	53	53	51	47	47	53	53	50	49	41	46	47	46	43	45	48	50	52	52	50	52	52	48.0
		MIN	42	40	40	39	42	43	45	50	49	49	50	47	45	45	47	50	48	41	39	40	46	43	42	42	45	46	50	50	43	45	46	44.8
	20	5PM	51	50	49	48	49	50	50	51	52	52	53	53	52	51	52	52	53	52	50	49	50	50	49	49	50	50	51	52	52	52	52	50.8
BEREA COLLEGE	4	MAX	42	41	44	47	47	49	52	52	52	55	56	54	51	53	56	57	55	52	45	49	52	50	48	47	49	51	53	54	53	54	53	50.7
		MIN	40	39	41	43	47	47	49	52	52	52	50	51	48	50	53	54	52	43	42	43	49	45	44	45	47	49	51	53	46	49	47	47.5
	20	5PM	57	57	58	57	57	57	57	58	58	58	57	57	57	57	57	57	57	57	57	57	57	57	52	53	52	52	57	57	57	57	57	56.5
CAMPBELLSVILLE 2 SSW	4	MAX	45	44	43	44	44	48	50	50	49	54	51	51	50	50	54	53	51	50	48	48	48	48	45	47	47	47	52	52	47	56	48	48.8
		MIN	44	43	42	42	42	44	48	48	49	49	50	50	47	48	50	51	50	44	42	42	48	45	44	44	47	47	46	47	46	47	48	46.3
	20	6PM	52	50	50	49	49	49	50	50	50	51	51	51	50	51	52	52	52	50	50	50	50	50	50	50	50	50	51	51	51	51	51	50.5
CUMBERLAND GAP PARK	4	MAX	44	45	41	42	44	44	51	50	50	52	53	52	55	52	53	54	53	51	42	46	48	48	44	46	48	49	51	51	51	51	51	48.8
		MIN	40	41	40	40	42	42	43	49	50	50	51	47	52	49	50	52	51	42	39	41	46	43	42	42	43	45	48	51	45	47	47	45.5
	20	5PM	50	50	50	48	48	48	50	51	51	52	53	53	53	52	52	53	53	53	50	49	49	49	49	49	49	49	50	51	51	51	51	50.5
FLEMINGSBURG 1 SW	4	MAX	44	43	41	41	44	46	50	49	50	53	54	52	49	49	54	54	52	48	42	49	45	45	44	45	45	49	51	52	50	51	51	48.1
		MIN	41	39	39	39	41	43	46	49	49	49	51	47	47	46	49	51	48	41	40	42	44	43	41	41	45	44	49	50	44	45	46	44.8
	20	6PM	48	48	47	46	46	46	47	48	49	49	50	50	52	50	53	50	50	50	48	47	47	47	46	46	47	47	48	49	49	49	49	48.2
GLASGOW WKAY	4	MAX	49	48	46	46	48	51	51	51	52	54	54	51	51	53	54	54	53	53	47	50	50	49	47	49	49	50	53	53	52	53	52	50.7
		MIN	48	46	45	45	46	48	51	51	51	51	51	50	49	50	53	52	52	47	45	47	49	47	47	47	47	49	50	52	46	50	49	48.7
	20	6PM	52	51	50	50	51	51	52	52	52	52	52	52	52	52	53	53	53	52	51	51	51	51	51	51	51	51	52	52	51	52	51	51.5
GREENVILLE 2 W	4	MAX	46	47	43	44	45	48	50	51	52	56	57	53	51	53	56	-	56	50	43	49	50	50	45	48	49	53	55	57	52	54	55	50.6
		MIN	44	42	42	42	43	45	48	50	50	50	53	47	48	48	53	-	50	41	40	42	48	44	44	45	48	49	52	51	45	48	47	46.6
	20	5PM	51	50	49	49	49	49	49	51	51	52	53	52	52	52	53	-	53	51	50	50	51	50	49	51	51	51	51	52	52	52	51	50.9
HENDERSON 7 SSW	4	MAX	49	48	46	46	47	48	50	51	51	53	52	52	50	51	53	53	53	51	47	48	47	47	47	47	48	51	52	52	50	51	51	49.7
		MIN	48	46	42	46	46	47	47	50	50	50	51	50	50	50	51	52	51	47	44	45	47	47	47	47	47	48	51	50	48	48	49	48.1
	20	6PM	53	52	51	51	51	51	51	52	52	52	52	53	53	53	53	54	53	53	51	51	51	51	50	50	50	51	52	53	52	52	52	51.8
IRVINGTON	4	MAX	47	46	42	44	46	48	53	53	53	57	57	53	50	53	56	56	52	51	43	47	48	47	-	46	48	52	54	56	51	54	-	50.4
		MIN	44	42	40	41	44	46	48	52	51	53	51	47	48	48	53	51	50	42	41	42	47	43	44	45	46	48	48	51	44	47	47	46.6
	20	4PM	48	47	46	46	46	46	47	48	49	49	50	50	49	49	50	50	50	48	47	47	47	47	46	46	47	48	48	49	49	48	48	47.9
MAYFIELD RADIO WNGO	4	MAX	51	52	50	49	49	48	50	52	52	53	54	53	53	53	53	53	55	52	55	55	53	53	49	52	49	53	54	57	52	52	54	52.3
		MIN	48	49	45	46	47	48	48	50	50	52	51	51	50	52	50	51	52	46	42	48	51	48	48	47	48	49	52	52	48	49	50	49.0
	20	5PM	54	53	-	52	53	51	51	50	50	50	53	53	50	53	50	51	53	53	52	52	52	50	51	52	-	52	51	54	52	-	53	51.8
PRINCETON 1 SE	4	MAX	47	46	45	46	46	48	50	50	50	54	54	52	51	52	54	53	52	51	46	49	49	49	47	46	49	52	54	55	52	52	53	50.1
		MIN	46	44	44	45	45	46	47	50	50	50	51	50	50	49	52	51	50	45	43	43	49	46	46	42	46	49	52	51	47	48	48	47.6
	20	5PM	52	52	51	50	50	51	51	52	53	52	54	53	53	53	50	54	54	53	51	50	51	51	51	51	51	51	52	54	52	52	52	51.8
QUICKSAND	4	MAX	44	44	40	42	46	47	50	51	50	52	54	53	51	51	55	51	53	50	43	47	49	48	46	45	47	50	51	52	52	52	51	48.9
		MIN	40	39	38	39	42	45	47	50	49	49	51	47	48	48	49	49	50	40	38	41	47	44	40	43	45	47	49	51	49	47	46	45.4
	20	4PM	47	46	45	45	45	47	48	49	49	50	51	51	51	51	51	52	52	50	48	48	48	48	47	47	47	48	49	50	50	50	50	48.7
SOMERSET 2 N	1	MAX	46	45	46	46	47	45	52	57	52	55	56	55	51	52	54	56	55	51	44	50	50	50	50	47	48	51	53	52	53	53	53	50.9
		MIN	43	42	41	41	45	41	45	52	50	50	48	47	47	49	52	51	50	42	40	42	43	43	44	43	44	46	49	50	44	44	45	45.6
	4	MAX	46	45	46	46	47	49	51	56	51	54	55	54	51	51	55	55	54	51	45	48	47	49	48	46	46	49	52	53	51	51	53	50.2
		MIN	44	41	42	42	46	46	49	51	51	50	48	47	48	49	51	52	50	43	41	43	41	44	44	43	43	46	48	50	45	47	47	46.2

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DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SOMERSET 2 N																																		
	20	6PM	52	53	52	51	51	52	53	54	54	54	54	54	54	54	55	55	55	54	52	52	51	51	50	51	51	52	53	53	53	53	53	52.8
WILLIAMSTOWN 3 NW																																		
	4	MAX	45	43	41	42	44	46	50	50	50	53	52	52	50	48	53	53	51	49	42	45	45	45	43	45	45	49	51	51	47	50	50	47.8
		MIN	42	41	40	40	42	43	46	50	49	49	50	48	46	45	48	51	49	42	40	40	45	43	42	42	45	45	49	49	44	45	41	44.9
	20	6PM	49	48	47	47	47	47	47	48	48	49	50	50	50	49	50	50	50	50	48	47	47	47	47	47	47	47	48	48	48	48	48	48.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
EASTERN KENTUCKY UNIVERSITY	DISTURBED LOWELL	BLUEGRASS SOD	ZERO
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
HENDERSON 7 SSW	SNOWFALL																			T												
	SN ON GND																															
MURRAY	SNOWFALL																			T												
	SN ON GND																															
PADUCAH FAA AIRPORT	SNOWFALL																			T												
	SN ON GND																															
* * * CENTRAL 02																																
BOWLING GREEN FAA AP	SNOWFALL			T																												
	SN ON GND																															
CAMPBELLSVILLE 2 SSW	SNOWFALL			T																												
	SN ON GND																															
IRVINGTON	SNOWFALL																			T												
	SN ON GND																															
LOUISVILLE WSO	SNOWFALL																			T												
	SN ON GND																															
	WTR EQUIV																															
SUMMER SHADE	SNOWFALL			T																												
	SN ON GND																															
* * * BLUE GRASS 03																																
COVINGTON WSO	SNOWFALL																	T		T												T
	SN ON GND																		T													
	WTR EQUIV																															
CYNTHIANA	SNOWFALL	T																	T													
	SN ON GND																															
LEXINGTON WSO	SNOWFALL			T	T													T														
	SN ON GND																															
	WTR EQUIV																															
MAYSVILLE SEWAGE PLANT	SNOWFALL																		T													
	SN ON GND																		T													
WILLIAMSTOWN 3 NW	SNOWFALL																		T													
	SN ON GND																															
* * * EASTERN 04																																
LONDON FAA AP	SNOWFALL			T	T													T														
	SN ON GND																															
MIDDLESBORO	SNOWFALL	T			T																											
	SN ON GND																															
SOMERSET 2 N	SNOWFALL			T	T																											
	SN ON GND																															

See Reference Notes Following Station Index

LATE REPORTS
MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
MARCH 1971																							
ANCHORAGE	54.2	31.6	42.9	- .8	73	14	15	24	680	0	0	17	0	2.58	- 1.94	.58	10	3.5	3	3		1	0
* * *																							
APRIL 1971																							
ANCHORAGE	69.5	40.7	55.1	.5	83	17	28	7	293	0	0	3	0			.83	28		0				0
* * *																							
MAY 1971																							
HINDMAN 11 NNE	75.0	46.0	60.5		90	19	29	4	170	1	0	2	0	7.30		1.80	13	.0	0		10	6	3
* * *																							
JUNE 1971																							
ANCHORAGE	87.9	63.3	75.6	3.2	97	27	53	10	0	10	0	0	0	3.74	- .48	1.74	21	.0	0		6	4	1
* * *																							
JULY 1971																							
ANCHORAGE	84.6	62.1	73.4	- 2.5	92	9	50	28	1	2	0	0	0	7.52	3.75	2.06	18	.0	0		10	6	2
CAMPBELLSVILLE 2 SSW	85.0	64.3	74.7		92	11+	50	31	0	6	0	0	0	8.21		4.46	19	.0	0		11	4	2
* * *																							
AUGUST 1971																							
ANCHORAGE	84.4	61.5	73.0	- 1.7	91	25	53	1	0	2	0	0	0	2.57	- .98	1.12	3	.0	0		4	2	1
HINDMAN 11 NNE	84.4	59.9	72.2		88	19+	52	25+	0	0	0	0	0	1.01		.31	4	.0	0		5	0	0
* * *																							
SEPTEMBER 1971																							
ANCHORAGE	81.7	60.9	71.3	2.9	90	10+	44	21	15	2	0	0	0	3.50	.49	1.20	20	.0	0		6	3	1
* * *																							
OCTOBER 1971																							
CAMPBELLSVILLE 2 SSW	77.3	53.1	65.2		88	1	36	10	50	0	0	0	0	.68		.30	15	.0	0		2	0	0

LATE REPORTS
DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
MARCH 1971																																	
ANCHORAGE	2.58			.18			.45	T	.03		.58					.38			.08	.36	.05						*	*	*	.47			.
* * *																																	
APRIL 1971																																	
ANCHORAGE	-	.24	-				-	-						.02	.16									.25				.07	.83				.
* * *																																	
MAY 1971																																	
HINDMAN 11 NNE	7.30		.16	.32		.50	1.25	1.17	.40			.08	.60	1.80	.05											.65			.28		.04		.
* * *																																	
JUNE 1971																																	
ANCHORAGE	3.74	T	.15						T					.52	.20	.50	.03				.60	1.74	T										.
FRENCHBURG	3.33							.13							.25	.35	.30						2.00				.30						.
* * *																																	
JULY 1971																																	
ANCHORAGE	7.52	.64				.19	1.63		T	.14	.03	.96	.19		T				2.06	.18						.09	.60		T	.72	.09		.
CAMPBELLSVILLE 2 SSW	8.21	.12					.53				T	.10			1.50					4.46					.18	.13	.20		.21	.54	.24		.
* * *																																	
AUGUST 1971																																	
ANCHORAGE	2.57		.17	1.12	.94	T																	.02				.29					.03	.
HINDMAN 11 NNE	1.01		.10	.20	.31	.18						.03											.19										.
* * *																																	
SEPTEMBER 1971																																	
ANCHORAGE	3.50	.03	.16	.03			.47	T				.56	.20								1.20						.85						.
* * *																																	
OCTOBER 1971																																	
CAMPBELLSVILLE 2 SSW	.68					T				.05						.30	.05					.22	.06	T									.

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																		
JULY 1971 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	82	83	75	77	80	82	85	85	87	86	83	85	80	80	80	85	81	87	76	78	79	80	78	75	76	78	80	80	80	75	77	80.6
		MIN	78	75	74	74	75	78	77	80	80	80	80	80	78	75	76	75	75	75	73	76	76	74	75	76	75	75	75	75	75	73	74	76.0
	20	6PM	75	75	75	75	75	75	75	75	75	76	75	77	75	75	76	75	75	75	75	75	75	75	74	77	74	75	70	75	75	75	75	75.0
* * *																																		
JULY 1971 MAYFIELD RADIO WNGO																																		
	4	MAX	86	86	85	86	86	85	86	85	89	-	82	89	82	89	86	84	85	86	87	88	81	83	79	80	81	80	82	79	82	82	79	84.0
		MIN	80	79	78	78	75	79	83	78	78	-	78	76	78	76	74	76	78	78	76	76	76	76	76	76	75	75	74	75	76	76	78	76.9
	20	5PM	78	77	76	76	77	77	83	77	78	-	78	76	77	-	73	-	75	76	74	75	75	75	76	-	74	75	-	74	75	76	76	76.1
* * *																																		
AUGUST 1971 SANDY HOOK 4 NW																																		
	4	MAX	73	74	75	75	73	73	76	76	76	78	78	76	74	74	75	76	76	76	76	77	75	76	76	76	75	76	74	75	72	74	74	75.2
		MIN	70	71	72	73	73	72	71	70	71	71	74	70	63	69	69	71	71	74	72	71	71	75	72	69	67	71	70	68	67	63	69	70.3
	20	6PM	69	69	69	69	69	69	69	69	69	69	70	70	69	69	69	69	69	69	69	69	70	69	70	70	69	69	69	69	69	68	68	69.1
* * *																																		
OCTOBER 1971 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	77	76	76	74	73	73	73	70	65	64	62	65	64	67	64	63	66	64	68	68	66	67	68	67	67	66	66	68	68	67	67	68.0
		MIN	72	72	72	72	70	71	70	62	61	59	58	58	62	64	61	62	63	62	63	63	64	65	65	66	66	62	63	62	63	63	63	64.5
	20	6PM	73	73	73	72	73	72	72	70	69	69	67	66	66	67	66	65	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	67.8

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN	PEMBROKE SILT LOAM	CLIPPED FESCUE SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
EASTERN KENTUCKY UNIVERSITY	DISTURBED LOWELL	BLUEGRASS SOD	ZERO
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 4 NW	JEFFERSON GRAVELLY LOAM	BLUEGRASS AND FESCUE	ZERO
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

See reference notes following Station Index.

LATE REPORTS
DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
MARCH 1971																																	
ANCHORAGE	MAX	61	56	45	39	55	53	49	37	50	45	52	67	63	73	70	57	46	60	55	44	63	60	40	41	41	56	53	68	63	51	66	54.2
	MIN	39	39	26	27	24	44	27	21	18	36	31	36	42	49	46	35	24	24	33	30	24	36	29	15	24	26	37	42	38	25	32	31.6
* * *																																	
APRIL 1971																																	
ANCHORAGE	MAX	68	52	61	61	54	47	59	73	73	72	78	82	80	58	68	76	83	79	78	82	80	75	61	64	73	72	68	72	71	64		69.5
	MIN	45	39	32	34	35	34	28	35	52	40	34	50	44	43	32	35	46	51	44	46	54	40	41	42	38	46	42	46	36	37		40.7
* * *																																	
MAY 1971																																	
HINDMAN 11 NNE	MAX	73	65	58	60	75	68	70	69	72	74	78	70	60	71	75	82	86	89	90	80	78	75	83	88	82	80	74	68	73	76	84	75.0
	MIN	34	32	42	29	36	50	55	50	42	40	43	55	45	43	44	44	49	55	60	62	44	39	36	54	59	44	48	47	50	50	44	46.0
* * *																																	
JUNE 1971																																	
ANCHORAGE	MAX	84	83	88	90	91	91	85	83	78	84	89	89	89	88	86	85	85	87	88	92	88	81	86	87	91	94	97	96	91	90		87.9
	MIN	56	60	59	59	63	64	68	70	60	53	57	58	71	68	68	68	57	61	68	63	67	64	55	56	66	67	69	69	65	71		63.3
* * *																																	
JULY 1971																																	
ANCHORAGE	MAX	88	85	86	86	84	86	89	91	92	89	84	87	88	87	84	86	89	82	82	79	81	84	85	84	81	86	79	82	81	80	76	84.6
	MIN	67	62	59	62	67	64	63	66	75	67	67	61	63	68	59	62	63	64	64	58	55	55	58	67	67	67	53	50	61	60	51	62.1
CAMPBELLSVILLE 2 SSW	MAX	86	84	85	87	86	87	88	91	92	92	92	83	85	87	81	85	86	90	88	81	80	83	90	80	80	85	78	83	80	80	80	85.0
	MIN	69	66	60	69	65	69	66	66	71	68	72	64	64	67	64	63	60	69	67	59	58	56	63	69	69	68	61	54	66	62	50	64.3
* * *																																	
AUGUST 1971																																	
ANCHORAGE	MAX	83	82	76	75	76	81	84	87	86	89	87	83	84	87	88	85	85	86	87	89	90	81	86	84	91	88	82	77	83	88	86	84.4
	MIN	53	60	66	65	62	62	60	60	63	69	68	55	54	58	58	64	59	62	63	65	66	68	64	66	59	64	56	55	60	57	64	61.5
HINDMAN 11 NNE	MAX	80	79	82	87	76	78	86	85	86	88	87	86	87	88	87	86	87	86	88	86	86	84	83	84	85	86	82	82	80	84	86	84.4
	MIN	58	59	60	66	66	68	66	64	63	61	67	54	52	54	56	58	58	60	60	57	58	62	68	59	52	60	62	57	58	54	61	59.9
* * *																																	
SEPTEMBER 1971																																	
ANCHORAGE	MAX	87	82	81	88	89	85	84	89	90	90	84	74	75	87	85	78	77	79	74	74	71	76	74	72	78	80	84	87	88	89		81.7
	MIN	65	69	69	69	68	69	65	64	64	63	62	59	56	53	64	59	61	61	59	58	44	48	59	49	49	63	65	64	65	63		60.9
* * *																																	
OCTOBER 1971																																	
CAMPBELLSVILLE 2 SSW	MAX	88	85	84	83	78	78	76	74	74	73	73	76	76	79	78	76	70	76	79	82	78	71	72	70	74	72	78	81	81	80	82	77.3
	MIN	62	62	61	58	62	55	41	39	47	36	42	42	53	55	52	55	54	53	53	55	60	59	59	60	59	50	48	51	52	51	59	53.1

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
JULY 1971	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	WESTERN 01	HENDERSON 7 SSW	AVERAGE MINIMUM TEMPERATURE 66.2, AVERAGE 75.9, DEPARTURE FROM NORMAL -2.7, LOWEST TEMPERATURE 50, DATE 31ST, DEGREE DAYS 1
JULY 1971	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	WESTERN 01	DIVISION	AVERAGE TEMPERATURE 75.7, DEPARTURE FROM NORMAL -2.9
JULY 1971	DAILY TEMPERATURE	WESTERN 01	HENDERSON 7 SSW	MINIMUM ON 31ST 50, AVERAGE MINIMUM 66.2

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA W. COOL
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		7A			BEN S WESTFALL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	6P	6P			GEORGE W. WARWICK
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	5P	5P		GH	HEAVEN HILL DISTILERIES
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P			E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 19	1000		7A			MRS. ADELA Z. ALLEN
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	4P	4P			BERNHEIM FOUNDATION
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	68[illegible]	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	660	9A	9A			EUGENE YOUNG
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		7A			MRS. OUIDA H. NEWKIRK
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400				C	LOUIS DODGE
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WSO R	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	NATL WEATHER SERVICE
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	5P	5P		W	SOUTHEAST COMMUNITY COL
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF COMS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	JAUNITA E HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA W. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		7A			OLLIE J. RUSSELL
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CLOSED 07/71
DIX DAM	2214	03	MERCER	4	37 48	84 43	87[illegible]	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		7A		C	VERNON W. HICKS
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EASTERN KENTUCKY UNIV	2409	03	MADISON	4	37 45	84 20	1000				G	PROF. WILL BLADEN
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		6A		H	S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	86[illegible]		7A			MRS. BELLE W. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	35[illegible]	MID	6A		C H	CORPS OF ENGINEERS
FORDSVILLE	2979	01	OHIO	3	37 37	86 46	-				C	MEADE COUNTY RURAL ELEC
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	75[illegible]		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A			CORPS OF ENGINEERS
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5P	5P			C. E. ATNIP, LT.
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY W. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	40[illegible]	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	68[illegible]	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			SAM GARRISON
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		7A			MARK BEGLEY
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	5P	5P			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		W	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A		H	MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.W. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JAMESTOWN	4208	02	RUSSELL	2	36 58	85 04	-	8A	8A	8A		MRS. EDITH MCFARLAND
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		5P			PAUL HAMPTON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WSO R	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	NATL WEATHER SERVICE
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WSASD
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	7P	7P		C	LOUISVILLE G.&E. CO.
LOUISVILLE WSO R	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	NATL WEATHER SERVICE
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730		7A		C	MRS EULA V HORNE
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	7A	7A		C W	CRAIG W. SMITH
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		7A		H	PAUL MCCLURE
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		7A		C	OWEN J. ESTES
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	6P	6P		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15	-	7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			CLAY B DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON	6104	03	OWEN	4	38 32	84 50	955	7A	7A		H	CLARENCE SPARROW
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	7A	7A		C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A		C	JAMES O HUGHES
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		5A		H	TVA-764
PARIS	6170	03	BOURBON	5	38 12	84 14	810				C	RODNEY NEWTON
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	NATL WEATHER SERVICE
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P		CG	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A			MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920				G	J. T. STEGALL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		7A			V O SCOTT
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		8A			MRS. JOAN MCADAMS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	7A	7A		C	DANIEL L. WRIGHT
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				C	CITY SEWAGE DISPOSAL PL
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	52[illegible]	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS H. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATIONS												
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CLOSED 07/71

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

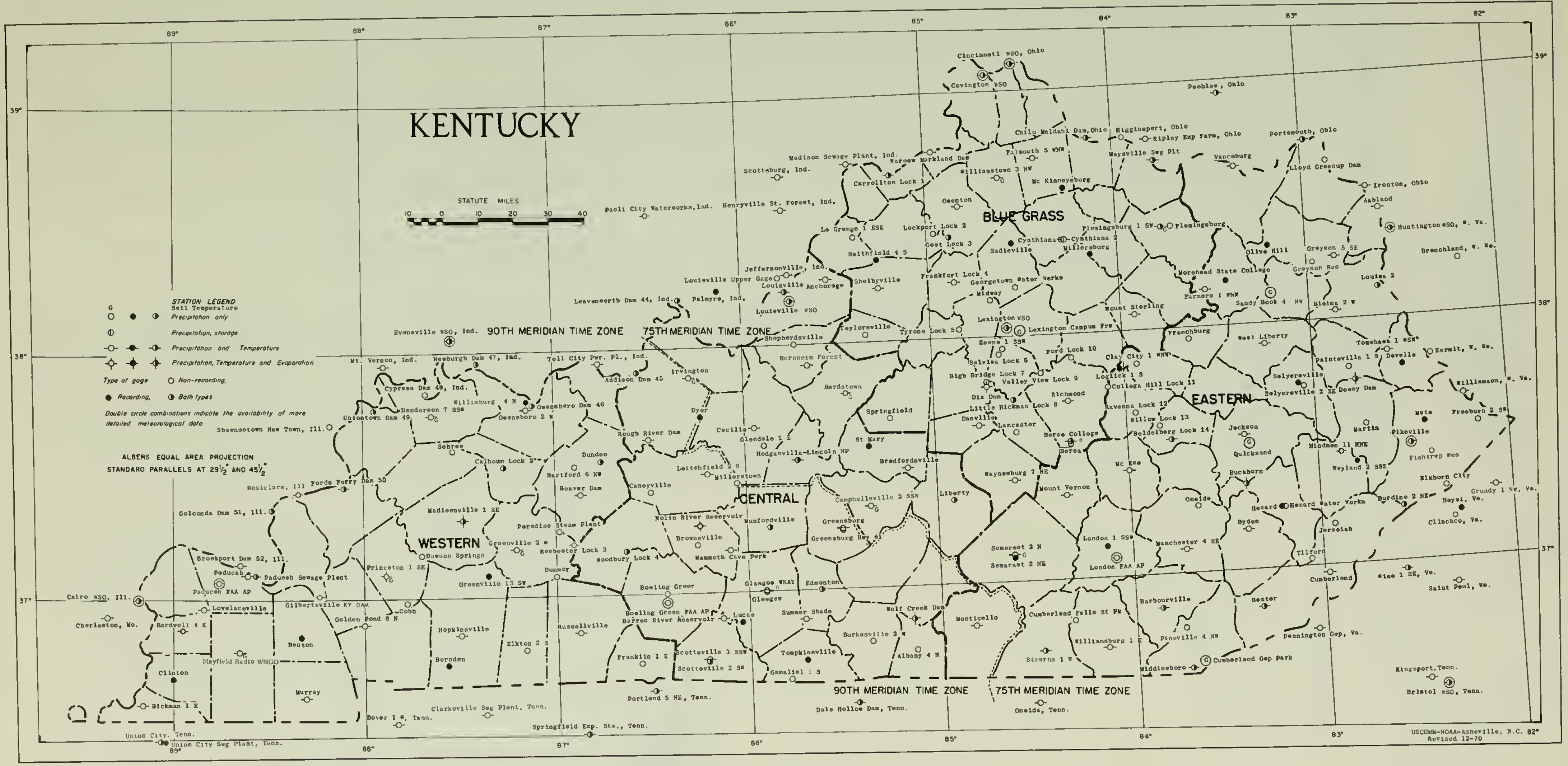
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 2/15/72-870


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
G Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording, ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
WESTERN
CENTRAL
BLUE GRASS
EASTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
Cincinnati WSO, Ohio
Covington WSO
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington WSO, W. Va.
Branchland, W. Va.
Madison Sewage Plant, Ind.
Warsaw Markland Dam
Scottsburg, Ind.
Carrollton Lock 1
Williamstown 3 NW
Falmouth 5 WNW
Mc Kinneysburg
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Owenton
La Grange 1 SSE
Lockport Lock 2
Gest Lock 3
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Sadieville
Cynthiana
Cynthiana 2
Millersburg
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Greyson 5 SE
Grayson Res
Louisa 2
Morehead State College
Farmers 1 WNW
Sandy Hook 4 NW
Blaine 2 W
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Louisville WSO
Palmyra, Ind.
Leavenworth Dam 44, Ind.
Evansville WSO, Ind.
Taylorsville
Tyrone Lock 5
Midway
Lexington WSO
Lexington Campus Frm
Mount Sterling
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Paintsville 1 S
Davella
Williamson, W. Va.
Salyersville
Salyersville 2 SE
Dewey Dam
Shepherdsville
Bernheim Forest
Keene 1 SSW
Ford Lock 10
Clay City 1 WNW
Heidelberg Lock 14
Logilick 1 S
College Hill Lock 11
Sylvia Lock 6
High Bridge Lock 7
Valley View Lock 9
Dix Dam
Little Hickman Lock 8
Richmond
Ravenna Lock 12
Willow Lock 13
Beattyville Lock 14
Danville
Lancaster
Berea College
Berea
Jackson
Quicksand
Mc Kee
Hindman 11 NNE
Wayland 2 SSE
Martin
Mete
Freeburn 2 SE
Pikeville
Fishtrap Res
Elkhorn City
Grundy 1 NW, Va.
Haysi, Va.
Clintwood, Va.
Burdine 2 NE
Jeremiah
Hazard
Hazard Water Works
Buckhorn
Oneida
Hyden
Tilford
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Baxter
Pennington Gap, Va.
Cumberland Gap Park
Kingsport, Tenn.
Bristol WSO, Tenn.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Cypress Dam 48, Ind.
Willisburg 4 N
Owensboro Dam 46
Owensboro 2 W
Henderson 7 SSW
Uniontown Dam 49
Shawneetown New Town, Ill.
Sebree
Calhoun Lock 2
Dundee
Hartford 6 NW
Beaver Dam
Rough River Dam
Dyer
Cecilia
Glendale 1 E
Hodgenville-Lincoln NP
Bardstown
Springfield
St Mary
Bradfordsville
Waynesburg 7 NE
Mount Vernon
Liberty
Leitchfield 2 N
Millerstown
Caneyville
Campbellsville 2 SSW
Greensburg
Greensburg Hwy 61
Nolin River Reservoir
Munfordville
Brownsville
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Barbourville
Pineville 4 NW
Middlesboro
Williamsburg 1 E
Cumberland Falls St Pk
Stearns 1 W
Monticello
Wolf Creek Dam
Albany 4 N
Burkesville 2 W
Tompkinsville
Gamaliel 1 S
Summer Shade
Edmonton
Glasgow WKAY
Glasgow
Lucas
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Scottsville 3 SSW
Scottsville 2 SE
Franklin 1 E
Woodbury Lock 4
Rochester Lock 3
Paradise Steam Plant
Greenville 2
Greenville 13 SW
Dunmor
Madisonville 1 SE
Dawson Springs
Princeton 1 SE
Cobb
Golden Pond 8 N
Hopkinsville
Herndon
Elkton 2 S
Russellville
Rosiclare, Ill
Fords Ferry Dam 50
Golconda Dam 51, Ill.
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Cairo WSO, Ill.
Charleston, Mo.
Lovelaceville
Gilbertsville KY DAM
Bardwell 4 E
Benton
Mayfield Radio WNGO
Clinton
Murray
Hickman 1 E
Union City, Tenn.
Union City Swg Plant, Tenn.
Dover 1 W, Tenn.
Clarksville Swg Plant, Tenn.
Springfield Exp. Sta., Tenn.
Portland 5 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
USCOMM-NOAA-Asheville, N.C.
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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
ANNUAL SUMMARY 1971
Volume 66 No. 13

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Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
• • • WESTERN 01																										
BARDWELL 4 E	32.9		36.7		43.8		57.0		63.4		77.8		75.9		74.0		72.5		65.0		47.5		46.7		57.8	
BEAVER DAM	32.6		36.1		43.9		56.9M		62.3		76.1		74.8M		74.5		72.3		64.6M		48.1		46.5		57.4M	
FORDS FERRY DAM 50	32.2		35.9		42.5		56.8		62.5		77.5		76.5		75.4		73.0		65.6		48.2		45.2		57.6	
GILBERTSVILLE KY DAM	35.2		38.3		46.3		59.9		65.7		80.6		79.0		77.3		74.8		68.3		50.6		47.6		60.3	
GOLDEN POND 8 N	33.6		36.3		44.4		58.4		62.8		77.1		76.3		75.2		72.7		66.0		48.4		47.5		58.2	
GREENVILLE 2 W	33.3	- 3.8	36.7	- 2.7	44.0	- 2.7	M		M		76.5	2.1	73.4M	- 4.2	73.8	- 2.8	72.2	2.1	64.8M	5.3	48.2	1.3	46.8M	8.1	-	
HENDERSON 7 SSW	31.2	- 4.9	35.9	- 2.7	43.3	- 2.8	56.9	- .3	62.2	- 4.0	77.8	2.4	75.9	- 2.7	75.0	- 2.2	72.7	2.0	65.4	5.4	48.1	1.5	45.6	7.9	57.5	.0
HICKMAN 1 E	34.4		38.3		45.3		58.4		63.6		78.4		75.8		74.8		73.2		66.4		48.2		47.6		58.7	
HOPKINSVILLE	32.7	- 4.6	35.3	- 4.4	42.6	- 4.3	57.2	- .6	62.3	- 4.4	77.5	2.2	76.1	- 2.4	75.2	- 2.5	72.8	1.6	66.3	6.3	47.9	1.0	46.3	7.5	57.7	- .4
LOVELACEVILLE	32.9M	- 4.6	37.4	- 2.8	44.1	- 3.7	57.9	- .6	63.2	- 4.0	78.2	2.2	75.6	- 3.4	74.8	- 3.5	72.6	1.2	64.9	4.2	48.0	.7	46.7	7.5	58.0M	- .6
MADISONVILLE 1 SE	32.8		35.8M		M		M		63.1		76.6		75.0		74.3		72.2		64.2		47.6		45.8		-	
MAYFIELD RADIO WNGO	32.4M		37.2M		45.2M		57.3		63.8		78.3M		75.0M		74.9M		72.8M		65.3M		47.9M		46.7		58.1M	
MURRAY	34.0	- 4.4	38.1	- 2.8	44.4	- 4.0	58.3	- .6	63.9	- 3.7	78.4	2.4	76.3	- 2.8	75.5	- 3.1	73.2	1.7	66.2	5.3	48.4	.6	47.3	7.2	58.7	- .3
OWENSBORO 2 W	31.7	- 4.1	35.9	- 2.5	44.3	- 1.5	57.2	.3	63.4	- 2.7	77.7	2.5	75.8	- 2.6	75.3	- 1.6	73.0	2.8	65.5	6.1	48.2	2.2	46.2	8.7	57.9	.7
PADUCAH FAA AIRPORT	32.4		36.9		43.2		57.2		62.8		78.3		75.7		74.9		72.4		65.0		47.7		45.4		57.7	
PADUCAH SEWAGE PLANT	32.6		35.8		42.7		57.3		62.2		78.2		76.9		74.5		72.3		65.6		48.1		45.9		57.7	
PRINCETON 1 SE	32.9	- 4.5	37.4	- 2.4	44.5	- 2.7	58.0	.0	62.6	- 4.1	77.9	2.5	75.8	- 3.0	74.7	- 3.1	72.9	1.9	66.2	6.2	48.3	1.3	46.9	8.1	58.2	.0
ROCHESTER LOCK 3	31.9		34.9M		40.8		55.7		60.8		75.6		74.4		72.6		70.6		63.7		46.8		45.9		56.1M	
RUSSELLVILLE	32.8	- 4.0	34.7	- 4.2	41.6	- 4.8	56.5	- 1.0	61.3	- 5.1	76.5	1.2	74.8	- 3.5	73.8	- 3.4	72.0	1.5	64.7	5.6	48.0	2.2	47.3	9.0	57.0	- .5
DIVISION	32.9	- 4.3	36.5	- 3.2	43.7	- 3.2	57.5	- .4	62.9	- 3.7	77.6	2.2	75.7	- 2.9	74.8	- 2.7	72.6	1.8	65.5	5.5	48.1	1.1	46.5	7.7	57.9	- .1
• • • CENTRAL 02																										
ANCHORAGE	30.5	- 3.9	35.1	- 1.3	42.9	- .8	55.1	.5	61.3	- 2.4	75.6	3.2	73.4	- 2.5	73.0	- 1.7	71.3	2.9	63.0	5.4	45.7	1.3	44.1	8.4	55.9	.7
BARDSTOWN	32.0		37.4M		43.5		55.0		61.2		75.5		74.1		72.8		71.8		63.8		47.1		46.5		56.7M	
BARREN RIVER RESERVOIR	33.1		34.5		41.4		55.6		60.9		76.7		75.5		74.6		73.3		65.1		48.7		46.2		57.1	
BERNHEIM FOREST	32.1		36.5		43.6		55.0		61.5		75.8		74.2		73.4		72.4		64.5		47.6		46.4		56.9	
BOWLING GREEN FAA AP	33.6	- 4.5	36.2	- 3.9	42.3	- 5.1	56.1	- 2.0	62.5	- 4.7	77.2	1.2	75.8	- 3.3	74.9	- 3.0	72.9	1.5	64.7	4.7	47.5	.5	46.0	6.9	57.5	- 1.0
BRADFORDSVILLE	32.2M		36.9		42.6		53.8		59.9		75.0		73.7		72.9		71.7		63.5		46.1M		46.3		56.2M	
CAMPBELLSVILLE 2 SSW	33.6		38.0		44.0		56.4		61.7		75.6		74.7		73.9		72.7		65.2		48.3		47.0		57.6	
CECILIA	31.8	- 3.1	36.0	- 1.1	43.3	- 1.1	55.2	- .4	61.7	- 3.1	76.0	2.5	73.9	- 2.9	73.7	- 1.7	71.2	1.9	64.0	5.9	46.7	1.8	45.9	9.6	56.6	.7
GLASGOW WKAY	33.1		36.8		43.2		56.3		61.7		75.7		73.5		73.4		71.8		63.7		47.6		46.9		57.0	
GREENSBURG	32.4	- 4.5	34.7	- 4.1	41.7	- 4.2	55.1	- 1.5	60.9M	- 4.7	76.3	2.2	75.7	- 1.7	74.5	- 1.6	73.1	3.4	64.4	6.3	47.7	1.9	46.3	8.3	56.9M	.0
HODGENVILLE-LINCOLN NP	32.4M		37.2		44.1		56.6		61.9		75.8		74.0		73.3		71.7		64.6		48.1		46.3M		57.2M	
IRVINGTON	31.1	- 5.2	35.6	- 2.8	42.6	- 3.2	54.7	- 2.1	60.3	- 5.5	75.0	.6	73.6	- 4.1	72.7	- 3.8	71.3	1.2	63.3	4.1	47.0	.9	45.5	7.8	56.1	- 1.0
JAMESTOWN	-		-		-		-		M		77.6		-		74.7M		M		-		M		45.8		-	
LEITCHFIELD 2 N	32.4	- 4.6	36.5	- 2.5	43.4	- 2.9	55.5	- 1.6	61.8	- 4.2	76.4	2.0	74.3	- 3.4	73.7	- 3.0	71.7	1.3	63.6	4.1	46.7	.0	45.4	7.0	56.8	- .6
LOUISVILLE	32.6		37.4		45.3		58.2		63.7		78.3		76.2		75.7		73.8		66.4		49.2		46.7		58.6	
LOUISVILLE WSO	30.9	- 4.1	35.0	- .8	42.0	- 1.3	54.7	- .1	61.5	- 2.9	76.5	3.1	74.8	- 2.8	74.1	- 2.1	72.2	2.7	64.4	6.5	47.0	2.3	45.1	8.8	56.5	.8
MAMMOTH CAVE PARK	32.8		36.8		43.0		56.8		61.4		75.3		73.7		72.9		71.5		64.2		47.7		47.6M		57.0M	
NOLIN RIVER RESERVOIR	31.4		33.5		40.0		53.8		59.4		74.4		73.3		72.4		71.2		63.6		46.7		44.9		55.4	
ROUGH RIVER DAM	30.6		33.0		40.4		55.0		60.4		75.6		74.4		73.2M		70.9M		63.9M		46.8		44.4		55.7M	
SCOTTSVILLE 3 SSW	35.0		38.3		45.1		58.6		63.0		76.3		74.9		74.6		73.2		66.4		49.5		48.0		58.6	
SUMMER SHADE	33.9		37.0		43.7		56.0		61.4		75.2		73.9		73.1		71.2		63.6M		47.6		46.9		57.0M	
DIVISION	32.4	- 4.2	36.1	- 2.6	42.9	- 3.0	55.7	- 1.0	61.4	- 4.2	76.0	1.8	74.4	- 3.0	73.7	- 2.5	72.0	2.0	64.3	5.4	47.5	1.4	46.1	8.1	56.9	- .1
• • • BLUE GRASS 03																										
BEREA COLLEGE	33.4M	- 4.2	39.1	- .1	-		57.9	.9	62.4	- 3.2	75.6	1.9	75.0M	- 1.9	73.6	- 2.3	72.6	2.8	64.7	5.7	47.9	1.3	47.5	8.7	-	
CARROLLTON LOCK 1	30.3		35.5		42.8		53.8		60.4		75.2		73.5		72.2		70.6		63.6		46.1		45.4		55.8	
COVINGTON WSO	28.3	- 3.3	33.3	.2	40.2	- .4	53.1	.9	60.8	- 1.7	75.8	4.0	74.8	- .6	72.4	- 1.7	70.3	3.1	61.4	5.3	43.2	.5	41.2	7.9	54.6	1.2
CYNTHIANA 2	28.3		31.3		38.0		50.8		58.8		73.5		73.0		71.0		70.0		61.5		44.3M		43.0		53.6M	
DANVILLE	30.4		34.0		39.8		53.8		59.9M		74.1		73.3		71.8M		71.4		63.8		46.5M		44.3		55.3M	
DIX DAM	32.9		37.9		43.0		55.4		61.3M		75.3M		74.5		73.7M		72.6		65.0		48.7		47.1M		57.3M	
FALMOUTH 5 WNW	28.0		34.7M		39.7		50.3		58.4M		74.1		71.9		69.9M		69.2		61.0		43.0		43.2M		53.6M	
FARMERS 1 WNW	31.5	- 4.8	37.2	- .6	41.9	- 3.0	52.3	- 3.1	60.5	- 4.0	73.7	1.3	73.2	- 2.5	72.0	- 2.2	71.2	3.1	63.2	6.2	45.2	.1	46.5	9.3	55.7	.0
FLEMINGSBURG 1 SW	-		35.1		40.2		52.8		59.5		73.8		72.5		70.5		69.5		61.8		44.8		44.7		-	
FRANKFORT LOCK 4	30.5	- 5.3	33.2	- 4.2	39.4	- 4.8	52.8	- 2.0	59.6	- 4.9	74.9	1.2	74.3	- 3.0	72.7	- 3.3	70.8M	1.3	63.8	5.6	46.0	.5	43.9	6.9	55.2M	- 1.0
LEXINGTON WSO	29.7	- 4.8	34.8	- 1.0	40.3	- 2.9	52.0	- 2.4	59.2	- 5.3	73.7	.1	73.9	- 3.5	73.9	- 2.1	72.5	3.2	64.7	6.6	47.2	2.5	45.7	9.8	55.6	.0
MAYSVILLE SEWAGE PLANT	28.1	- 6.7	32.3	- 3.8	37.9	- 5.2	51.5	- 2.5	56.4	- 5.2	73.4	1.1	73.3	- 2.5	71.3	- 3.1	69.5	1.4	62.7	5.6	44.1	- .6	42.3	6.4	53.7	- 1.3
MOUNT STERLING	31.6		36.7		42.3		55.2		61.2		74.1		73.3		72.4		70.8		63.7		47.0		46.5		56.2	
OWENTON	28.3		33.6M		38.6		52.5		59.7M		74.7		73.7		72.4		70.3		63.3M		-		-		-	
RICHMOND	30.8		34.3		40.3		54.6		59.9		74.4		73.8		72.1		71.4		64.7		47.2		44.9		55.7	
SHELBYVILLE	28.5	- 6.5	32.1	- 4.9	38.9	- 5.3	52.3	- 2.7	58.9	- 5.5	73.8	.6	72.4	- 4.5	71.4	- 4.1	70.3	.6	63.1	4.5	45.5	.3	42.9	6.5	54.2	- 1.7
WARSAW MARKLAND DAM	27.7	- 6.8	31.6	- 4.6	37.7	- 5.4	49.9	- 4.1	57.2	- 6.3	73.2	.4	72.6	- 3.9	71.2	- 4.2	70.1	1.2	63.3	5.2	44.8	- .2	42.4	6.6	53.5	- 1.8
WAYNESBURG 7 NE	32.6		37.1		41.8		55.4		60.3		73.8		71.7		71.5		70.0		62.8		45.7		46.2		55.7	
WILLIAMSTOWN 3 NW	29.2M	- 4.8	34.8	- 1.1	40.4	- 2.7	53.5	- 1.3	60.4	- 4.3	74.5	1.0	73.2	- 3.8	71.9	- 3.8	70.5	1.0	63.5	5.1	45.5	.7	44.0	8.5	55.1M	- .5
DIVISION	30.0	- 5.9	34.7	- 2.8	40.2	- 4.4	53.2	- 2.3	59.8	- 5.0	74.3	.9	73.4	- 3.3	72.0	- 3.5	70.7	1.3	63.2	4.8	45.7	.2	44.5	7.4	55.1	- 1.1
• • • EASTERN 04																										
ASHLAND	29.2	- 7.9	33.5	- 5.1	39.1	- 6.3	50.5	- 5.8	58.1	- 7.3	73.0	- .7	73.0	- 4.0	70.9	- 4.9	69.9	.0	62.7	3.9	44.8	- 1.8	44.1	5.8	54.1	- 2.8
BARBOURVILLE	34.1		35.3		41.2		53.7		60.1		74.5		74.3M		73.5		71.8		63.7		46.7		46.5		56.3M	
BAXTER	32.9		35.5		40.7		53.2		59.7		73.9		73.6		73.1		70.9		63.4		45.9		46.5		55.8	
BLAINE	29.2		32.0M		38.2		49.7		57.2		72.4		72.0		71.0		69.6		61.7		44.2		44.0		53.4M	
CUMBERLAND	33.9M		38.6		41.4M		52.3		58.6		72.3		71.7		71.7M		70.0		62.9		46.3		48.7		55.7M	
DEWEY DAM	31.0		34.9M		40.5		-		-		-		-		-		-		-		-		-		-	
GRAYSON 5 SE	29.2		32.2		38.2		49.8M		57.3		72.1M		71.8		70.6		69.1		61.5		43.5		43.4		53.2M	
HEIDELBERG LOCK 14	34.6		37.7		43.4		54.7		61.5		74.6		75.0		73.0		72.0		64.1		46.8		47.5		57.1	
HINDMAN 11 NNE	-		34.8		41.6		53.7		60.5		74.3		73.2		72.2		71.3		62.7		47.4M		47.8		-	
HYDEN	31.7M		33.6M		39.3		51.8		58.3M		73.2M		73.0		71.8		69.9M		63.3		45.2		45.7M		54.7M	
JACKSON	33.0		35.9		41.3		53.8		60.2		75.4		75.3		74.1		72.7		65.4		47.4		46.5		56.8	
LONDON FAA AP	32.1		35.2		40.3		54.2		60.0		73.2		73.0		71.8		70.2		62.6		45.5		46.3		55.4	
MANCHESTER 4 SE	34.9M		37.4		43.2		54.1		60.1		73.0		73.0		72.1		71.1		63.4		46.9		47.8		56.4M	
MC KEE	29.8		31.9		37.8		50.8		56.9		71.7		71.3		69.6		68.9		-		-		-		-	
MIDDLESBORO	33.2		35.6		40.6M		52.8		59.2		73.0		73.0		72.7		70.8		62.7		45.5		46.7M		55.5M	
MONTICELLO	35.5		37.6		43.7		56.0		61.7		75.3		74.4		73.3		71.9		64.6		47.6		47.5		57.4	
MOUNT VERNON	33.8		38.3		43.5M		55.7		61.6		74.6		73.2		71.8		71.8		64.4		47.5M		48.1		57.0M	
PIKEVILLE	36.5M		40.4		44.6		56.8		62.4		76.4		75.7M		75.4		73.0		65.8		48.0		49.9M		58.7M	
SOMERSET 2 N	34.0		37.0		42.3		54.8		61.0		74.1		72.8		73.0		71.0		63.1		46.2		46.9		56.4	
STEARNS 1 W	-		-		-		53.9M		M		73.9		74.0		71.7		69.8		62.1M		45.7		M		-	
TOMAHAWK 1 WSW	29.9		33.1		38.6		50.6		57.1M		73.3M		72.9		71.4		69.5M		61.5		44.0M		44.5M		53.9M	
VANCEBURG	31.9		36.6		42.2M		51.4		59.4		73.1M		71.7		70.6		69.6		M		46.0M		44.8		-	
WEST LIBERTY	29.5		32.8M		38.8		51.2M		58.3		72.2M		72.7		71.3		69.5		62.6		44.5		44.4		54.0M	
WILLIAMSBURG 1 E	37.3	- 2.4	39.2	- 1.6	43.9	- 3.8	57.3	- .2	62.8M	- 3.5	74.2	- .1	73.3	- 3.9	73.6	- 2.6	71.6	1.4	65.1	6.0	48.3	1.5	49.7	9.8	58.0M	.0
DIVISION	32.6	- 5.5	35.6	- 3.9	41.1	- 5.2	53.2	- 3.5	59.6	- 5.8	73.6	.3	73.2	- 3.2	72.2	- 3.1	70.7	1.3	63.3	5.0	46.1	- .1	46.5	7.8	55.6	- 1.4

Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
* * * WESTERN 01																										
BARDWELL 4 E	4.50		5.08		1.95		2.10		3.27		3.62		5.88		6.32		3.28		1.41		1.76		4.58		43.75	
BEAVER DAM	4.06		6.12		E 1.64		2.54		4.07		3.75		E 1.33		1.34		4.01		E 1.99		1.84		3.97		E 36.66	
CALHOUN LOCK 2	3.51		5.24		2.07		2.27		5.25		3.99		3.61		1.34		6.29		1.66		2.06		3.38		40.67	
COBB	3.02		6.14		1.58		2.91		3.42		2.80		3.91		2.11		3.41		1.69		2.22		4.86		38.07	
DAWSON SPRINGS	3.99		6.54		1.89		2.14		5.32		3.89		2.42		1.57		2.30		1.24		1.46		3.94		36.70	
DUNDEE	E 3.37		6.52		2.37		2.78		E 5.00		E 6.89		3.74		6.10		E 3.51		1.49		2.09		4.10		E 47.96	
DUNMOR	2.34		5.18		1.55		2.44		4.43		2.08		4.63		3.09		4.59		2.87		1.79		2.56		37.53	
ELKTON 2 S	1.68		5.96		1.98		2.28		6.70		2.35		2.19		7.47		3.89		3.34		1.69		3.03		42.56	
FORDS FERRY DAM 50	3.21	-1.26	4.43	1.10	1.55	-3.25	2.56	-1.52	4.03	.25	4.51	.96	2.46	-.70	2.52	-.78	4.62	1.59	2.15	-.29	2.17	-1.33	3.93	.76	38.14	-4.47
FRANKLIN 1 E	2.08		E 4.54		2.50		2.99		6.06		4.20		6.16		5.41		2.17		.96		2.04		4.17		E 43.28	
GILBERTSVILLE KY DAM	4.11		5.54		1.97		1.74		3.57		3.25		6.72		5.45		2.85		.69		1.69		3.88		41.46	
GOLDEN POND 8 N	E 2.79		8.03		1.66		E 2.08		E 3.84		4.08		4.41		2.69		2.90		E 1.68		E 2.11		4.31		E 40.58	
GREENVILLE 2 W	3.54	-1.45	6.64	2.93	2.37	-2.63	E 3.09	-1.13	E 4.24	.16	6.06	1.88	5.78	1.41	4.07	.46	4.81	1.87	1.67	-.81	2.05	-1.71	4.36	.49	48.68	1.47
HARTFORD 6 NW	3.40		6.27		1.89		3.28		3.76		5.74		3.30		3.19		7.10		2.63		1.89		3.01		45.46	
HENDERSON 7 SSW	2.29	-2.72	4.99	1.48	1.39	-3.74	2.13	-2.36	4.25	.02	6.55	2.76	5.55	2.15	1.98	-1.42	8.72	5.74	3.18	.38	1.62	-1.87	3.39	-.20	46.04	.22
HICKMAN 1 E	2.33		4.77		2.27		2.58		3.91		3.93		3.83		8.28		3.45		2.60		1.68		4.22		43.85	
HOPKINSVILLE	2.24	-3.11	7.39	3.38	1.78	-3.30	2.19	-1.89	5.44	1.23	3.39	-.72	4.51	.58	3.77	.34	3.67	.67	2.25	-.17	2.63	-1.27	3.38	-.62	42.64	-4.88
LOVELACEVILLE	2.91	-2.01	5.48	1.35	1.89	-3.25	1.88	-2.48	3.11	-1.15	3.58	-.16	E 7.57	4.25	4.66	1.41	3.47	.39	3.29	.16	1.67	-2.33	3.89	-.12	E 43.40	-3.94
MADISONVILLE 1 SE	4.50		8.19		1.88		1.78		3.20		3.89		4.96		1.38		3.36		1.98		1.91		4.26		41.29	
MAYFIELD RADIO WNGO	E 2.33		7.92		E 2.16		2.56		3.10		E 2.78		5.83		8.36		5.83		1.63		3.00		4.63		E 50.13	
MURRAY	2.13	-3.06	7.09	3.00	1.43	-3.87	2.38	-1.74	3.26	-.92	4.17	.67	6.33	2.40	5.38	2.13	5.12	2.03	2.25	-.62	2.08	-1.92	3.67	-.43	45.29	-2.33
OWENSBORO 2 W	3.15	-1.50	5.82	2.44	1.87	-3.06	2.20	-1.82	4.27	.08	4.67	.75	4.32	.82	1.58	-1.87	6.91	3.86	2.60	.18	1.96	-1.55	3.38	.13	42.73	-1.54
OWENSBORO DAM 46	2.94	-1.64	E 5.66	2.25	1.84	-2.99	2.87	-1.17	4.26	.07	4.74	.92	3.93	.67	1.47	-2.00	6.62	3.71	2.58	.19	1.80	-1.66	3.46	.30	E 42.17	-1.35
PADUCAH FAA AIRPORT	3.63		4.94		2.30		1.56		3.92		3.15		5.37		5.30		3.95		1.79		1.85		4.32		42.08	
PADUCAH SEWAGE PLANT	3.47	-1.27	4.60	.84	1.56	-3.29	1.37	-2.89	4.17	-.23	1.66	-2.12	5.78	2.30	6.15	2.83	5.12	2.00	2.52	-.27	1.79	-2.17	3.51	-.08	41.70	-4.35
PARADISE STEAM PLANT R	4.29		6.73		2.17		1.83		4.56		5.28		7.02		1.94		3.77		1.71		2.26		3.39		44.95	
PRINCETON 1 SE	3.77	-1.43	5.38	1.40	1.91	-3.08	2.69	-1.39	5.02	1.05	3.46	-.35	4.39	.94	3.00	-.33	3.14	.25	.96	-1.64	1.97	-1.75	3.69	-.21	39.38	-6.54
ROCHESTER LOCK 3	3.45		5.11		2.01		1.63		3.19		3.20		6.71		2.96		4.52		2.43		2.57		3.05		40.83	
RUSSELLVILLE	2.74	-2.77	5.71	1.39	3.09	-1.96	2.92	-1.12	8.05	4.29	5.44	1.54	4.91	.60	6.56	3.11	4.11	.70	3.49	1.24	2.38	-1.50	3.73	-.42	53.13	5.10
SEBREE	3.40		6.72		2.44		3.46		3.58		7.87		-		-		-		-		-		-		-	
UNIONTOWN DAM 49 //	2.63	-1.50	4.48	1.43	E 1.49	-2.89	2.61	-1.45	3.92	-.22	5.89	2.54	2.53	-.98	3.22	-.13	4.43	1.39	1.55	-1.18	1.53	-1.78	3.20	.23	E 37.48	-4.54
DIVISION	3.22	-1.77	5.96	2.09	1.93	-3.09	2.21	-1.92	4.10	-.11	3.95	.09	5.09	1.12	4.30	.91	4.41	1.35	2.13	-.48	2.04	-1.75	3.90	.09	43.24	-3.47
* * * CENTRAL 02																										
ADDISON DAM 45 //	2.92	-1.74	6.50	2.82	2.37	-2.43	2.29	-1.58	4.35	.00	4.53	.76	6.61	2.84	-		-		-		-		-		-	
ALBANY 4 N	5.54		5.56		2.95		2.74		4.68		5.39		10.16		3.18		2.00		.85		2.15		4.65		49.85	
ANCHORAGE	2.58	-1.72	6.20	3.02	2.58	-1.94	E 2.35	-1.63	7.30	3.20	3.74	-.48	7.52	3.75	2.57	-.98	3.50	.49	1.60	-.96	E 2.32	-1.01	4.05	.75	E 46.31	2.49
BARDSTOWN	3.21		E 4.68		E 2.10		2.51		5.81		2.93		6.31		1.93		2.88		.66		3.59		4.60		E 41.21	
BARREN RIVER RESERVOIR	2.41		4.56		2.30		2.29		3.40		5.05		7.76		4.35		1.76		1.29		1.77		3.96		40.90	
BERNHEIM FOREST	2.44		6.31		2.51		2.59		5.38		4.17		7.10		3.35		2.32		1.03		2.16		4.14		43.50	
BOWLING GREEN	2.78		4.32		2.14		2.85		6.12		3.59		5.84		E 6.14		1.88		1.60		2.02		3.96		E 43.24	
BOWLING GREEN FAA AP	3.10	-2.60	4.48	.36	2.14	-3.12	2.72	-1.34	6.43	2.66	4.06	-.10	7.66	3.47	7.71	4.11	1.71	-1.36	1.68	-.70	1.45	-2.16	4.30	-.04	47.44	-.82
BRADFORDSVILLE	4.70		3.07		1.35		3.08		4.95		3.40		11.78		3.07		3.81		1.30		E 1.92		3.47		E 45.90	
BROWNSVILLE	3.22		4.74		1.92		3.70		4.90		6.34		3.71		2.10		1.64		1.72		2.16		3.49		39.64	
BURKESVILLE 2 W	4.29		5.45		2.70		2.41		4.31		4.19		8.88		5.34		E 2.17		.96		1.65		5.00		E 47.35	
CAMPBELLSVILLE 2 SSW	E 4.22		5.08		E 2.07		3.77		6.95		5.13		8.21		2.22		5.26		.68		1.86		4.02		E 49.47	
CANEYVILLE	4.97		6.41		2.54		E 3.52		6.84		3.76		4.50		2.21		4.57		2.13		2.02		4.34		E 47.81	
CECILIA	3.76	-1.40	4.7[illegible]	.84	1.29	-3.49	2.81	-1.41	7.65	3.52	4.00	-.36	4.83	.71	1.83	-1.81	2.57	-.17	2.19	-.35	1.14	-2.42	4.59	.83	41.36	-5.51
EDMONTON	2.85		4.87		1.99		2.52		4.95		2.40		11.20		3.06		2.14		.72		1.74		4.51		42.95	
GAMALIEL 1 S	4.49		5.24		3.16		2.71		4.06		4.78		7.25		6.02		3.87		1.78		1.62		4.58		49.56	
GLASGOW	E 3.17		E 5.00		2.39		2.42		5.47		3.45		15.02		4.70		2.38		.67		1.73		3.42		E 49.82	
GLASGOW WKAY	2.81		4.41		2.25		2.83		6.35		3.91		12.20		5.68		2.70		.70		1.85		4.40		50.09	
GLENDALE 1 E	E 4.37		4.9[illegible]		2.11		3.04		6.47		2.42		4.69		2.72		4.98		1.13		1.96		4.27		E 43.12	
GREENSBURG	3.58	-1.77	4.62	.65	1.72	-3.52	4.83	.96	7.09	2.81	4.92	.09	8.09	3.62	2.86	-1.00	2.67	-.51	.61	-1.77	1.89	-1.67	3.78	-.18	46.66	-2.29
GREENSBURG HIWAY 61	3.59		4.67		1.52		4.52		6.60		5.43		8.13		3.06		2.31		.58		1.74		3.52		45.67	
HODGENVILLE-LINCOLN NP	4.37		4.70		E 1.72		3.14		5.23		3.66		6.86		1.46		2.56		.89		2.17		4.97		E 41.73	
IRVINGTON	2.52	-1.94	6.01	2.41	1.77	-2.85	1.86	-2.05	5.29	1.18	5.19	.77	5.31	1.77	2.57	-.57	6.29	3.45	1.67	-.74	1.79	-1.63	3.64	.20	43.91	.00
JAMESTOWN	-		-		-		3.09		5.15		5.38		10.97		4.09		2.17		1.10		2.29		5.01		-	
LEITCHFIELD 2 N	5.01	-.32	6.46	2.47	2.16	-2.91	3.00	-1.18	5.51	1.39	6.49	1.99	5.35	1.24	2.47	-.91	5.87	2.90	2.49	-.16	2.21	-1.68	4.35	.33	51.37	3.16
LIBERTY	4.38		4.47		2.21		3.72		6.80		4.10		11.30		4.98		2.60		1.18		1.77		4.54		52.05	
LOUISVILLE	1.94		5.50		2.48		2.22		5.23		5.80		7.10		2.21		3.30		2.51		1.97		E 3.16		E 43.42	
LOUISVILLE WSO R	2.64	-1.46	6.28	2.99	2.12	-2.47	2.16	-1.66	6.15	2.25	2.64	-1.35	6.74	3.38	1.83	-1.14	4.72	2.09	1.96	-.29	2.06	-1.14	2.98	-.24	42.28	.96
LOUISVILLE UPPER GAGE	E 2.62		6.29		2.29		1.48		4.05		2.63		7.12		2.04		5.15		2.07		1.74		3.14		E 40.62	
MAMMOTH CAVE PARK	4.06		4.66		2.07		3.35		6.04		4.85		4.74		4.13		3.11		1.36		2.12		4.29		44.78	
MILLERSTOWN	4.00		5.24		2.65		4.43		6.71		4.64		7.00		2.55		3.54		1.44		2.17		4.14		48.51	
MUNFORDVILLE	4.70		4.79		2.07		4.86		5.82		5.50		5.47		4.99		3.03		.74		1.87		3.69		47.53	
NOLIN RIVER RESERVOIR	3.85		5.27		2.39		3.41		6.60		5.76		5.36		1.62		3.83		1.40		2.00		3.50		44.99	
ROUGH RIVER DAM	2.90		6.54		2.38		2.25		4.19		4.32		6.67		3.29		4.04		2.17		E 1.85		3.87		E 44.47	
SCOTTSVILLE 3 SSW	2.73		4.51		2.59		2.51		3.67		4.76		8.20		4.92		2.29		1.13		2.19		4.74		44.24	
SCOTTSVILLE 2 SW	2.35		4.46		2.07		2.1[illegible]		2.42		4.95		6.64		3.32		2.00		1.13		1.85		4.35		37.70	
SHEPHERDSVILLE	E 2.62		5.39		2.22		2.0[illegible]		4.98		2.09		6.52		1.97		3.12		1.63		2.09		3.32		E 38.04	
SUMMER SHADE	2.79		4.87		2.51		2.8[illegible]		3.70		4.71		9.43		2.59		4.13		1.08		2.09		5.05		45.79	
WOODBURY LOCK 4	2.83	-2.34	5.23	1.30	2.21	-2.67	2.6[illegible]	-1.37	4.07	.22	7.53	3.44	6.10	1.98	3.84	.12	3.99	.62	2.98	.49	1.79	-1.97	3.81	.03	47.07	-.15
DIVISION	3.28	-1.84	5.15	1.31	2.13	-2.86	2.84	-1.19	5.62	1.63	4.52	.20	7.53	3.38	3.18	-.36	3.40	.37	1.40	-1.07	2.03	-1.55	4.14	.29	45.22	-1.69
* * * BLUE GRASS 03																										
BEREA COLLEGE	E 3.91	-1.05	E 4.55	.79	E 1.66	-2.98	2.46	-1.62	7.37	3.58	3.00	-1.84	E 4.70	-.46	2.23	-1.89	3.22	.40	1.97	-.20	1.56	-1.73	E 3.27	-.31	E 39.90	-7.31
BEREA	3.40		4.70		2.00		2.94		7.13		4.27		5.35		2.25		3.12		1.03		1.58		2.86		40.63	
CARROLLTON LOCK 1	2.50	-1.34	7.06	4.05	2.22	-1.94	3.39	-.19	5.41	1.91	5.84	1.70	5.06	1.46	5.57	2.10	4.88	2.05	1.50	-.85	1.86	-1.21	2.82	.21	48.11	7.95
COVINGTON WSO R	2.47	-1.09	5.89	2.98	2.55	-1.24	1.04	-2.18	3.31	-.28	5.18	1.29	3.70	.09	3.45	.85	6.56	3.73	1.44	-.82	1.68	-1.33	3.39	.64	40.66	2.64
CYNTHIANA	2.74	-1.41	4.74	1.52	2.12	-2.43	2.81	-.98	6.33	2.89	2.80	-1.12	3.53	-.27	5.20	1.87	3.81	1.08	.84	-1.22	1.56	-1.68	3.39	.36	39.87	-1.39
CYNTHIANA 2	E 3.46		5.12		E 1.95		2.69		6.31		3.15		3.96		4.92		3.66		.80		E 1.41		2.31		E 39.74	
DANVILLE	4.04	-1.06	3.98	.00	2.01	-2.95	2.11	-1.87	6.85	2.89	3.56	-1.13	5.73	1.12	1.72	-2.22	2.98	-.09	.73	-1.41	1.64	-1.68	3.79	.25	39.14	-8.15
DIX DAM	3.84		3.97		1.99		2.30		7.27		4.14		5.21		1.21		2.26		.49		1.56		E 4.28		E 38.52	
FALMOUTH 5 WNW	2.25	-1.64	4.59	1.34	2.66	-1.87	1.41	-2.53	4.68	.80	3.40	-1.03	5.09	.83	7.83	4.82	5.97	3.06	1.29	-.94	1.90	-1.53	3.8[illegible]	.82	44.93	2.13
FARMERS 1 WNW	2.86	-1.59	4.12	.49	1.94	-2.69	2.71	-1.16	6.40	2.34	5.50	1.01	8.61	3.82	1.13	-2.98	5.48	2.40	.93	-1.33	1.65	-1.56	3.4[illegible]	.21	44.77	-1.04
FLEMINGSBURG	2.98	-1.54	4.31	.98	2.50	-2.34	1.73	-2.20	6.27	2.23	5.80	1.46	8.28	3.64	2.37	-1.56	6.26	2.99	.78	-1.35	1.65	-1.75	4.43	1.07	47.36	1.63
FLEMINGSBURG 1 SW	E 3.48		3.58		2.12		1.73		5.55		5.32		8.27		2.27		6.59		.75		1.68		4.45		E 45.79	
FORD LOCK 10	3.32	-1.09	5.41	1.86	1.88	-2.38	2.78	-.88	7.64	3.85	3.67	-.83	6.66	1.48	.98	-2.86	2.73	-.11	.68	-1.36	1.38	-1.76	3.67	.36	40.80	-3.72
FRANKFORT LOCK 4	2.28	-2.04	4.46	1.24	1.94	-2.54	2.27	-1.75	6.21	2.28	1.84	-2.23	5.16	.66	1.05	-2.39	7.42	4.71	.66	-1.71	1.80	-1.58	3.65	.54	38.74	-4.81
GEORGETOWN WATER WORKS	2.51		4.53		2.07		E 2.96		5.24		1.97		4.85		.60		5.19		.45		1.99		3.63		E 35.99	
GEST LOCK 3	2.01	-2.01	4.37	1.28	2.23	-2.18	E 2.53	-1.34	6.44	2.83	2.08	-2.07	5.26	.91	3.37	.08	4.02	1.10	.82	-1.35	1.39	-1.79	3.45	.53	E 37.97	-4.01
HIGH BRIDGE LOCK 7	3.63	-1.16	4.38	.64	1.35	-3.20	2.05	-1.80	6.90	3.20	4.93	.25	4.63	.16	1.09	-2.38	2.34	-.72	.45	-1.69	1.82	-1.50	4.35	1.00	37.92	-7.20
KEENE 1 SSW	2.92		E 4.40		3.61		E 2.51		7.64		4.36		6.39		1.09		4.38		.76		1.32		4.55		E 43.93	

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2 - CONTINUED

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP.	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP.	DEPARTURE	PRECIP	DEPARTURE	PRECIP.	DEPARTURE
LA GRANGE 1 ESE	3.52		6.41		2.53		2.98		7.69		E 2.23		5.85		3.28		3.60		2.36		2.06		3.40		E 45.91	
LANCASTER	4.01	-1.22	4.00	-.21	2.01	-3.20	2.36	-1.44	6.95	2.90	4.92	.20	5.32	.01	1.07	-2.77	4.44	1.53	.55	-1.66	1.71	-1.89	3.96	.17	41.30	-7.58
LEXINGTON WSO R	3.29	-1.65	4.72	1.30	2.02	-2.73	2.10	-1.94	6.14	2.29	7.84	3.12	7.64	3.66	.88	-2.33	3.51	.71	.52	-1.76	1.71	-1.58	4.30	.85	44.67	-.06
LITTLE HICKMAN LOCK 8	3.89	-.94	3.77	-.09	2.00	-2.74	2.19	-1.53	6.88	3.11	2.87	-1.86	6.78	2.12	2.04	-1.91	3.29	.45	.68	-1.33	1.26	-1.95	3.87	.45	39.52	-6.22
LOCKPORT LOCK 2	2.38	-2.11	5.16	1.71	2.60	-2.07	2.78	-1.52	6.37	2.35	1.82	-2.65	4.43	.41	6.11	2.84	3.43	.43	1.14	-1.29	1.58	-1.89	3.51	.24	41.31	-3.55
MAYSVILLE SEWAGE PLANT	4.00	-.17	4.53	1.14	2.29	-2.19	1.51	-2.27	4.32	.62	4.00	-.18	3.41	-1.06	6.49	2.45	4.81	1.69	1.15	-1.19	2.58	-.56	4.21	1.02	43.30	-.70
MIDWAY	3.67		4.80		2.06		E 2.33		6.04		2.95		7.22		.54		5.57		.50		1.69		3.87		E 41.24	
MOUNT STERLING	3.32	-1.57	4.32	.64	2.15	-2.70	2.77	-1.37	7.09	3.12	4.45	-.08	7.95	2.82	1.41	-2.14	5.61	2.63	.66	-1.59	1.59	-1.51	3.68	.10	45.00	-1.65
OWENTON	E 2.52		E 4.31		E 2.80		3.80		5.94		5.42		3.88		3.98		4.46		1.09		E 1.87		E 3.43		E 43.50	
RICHMOND	4.04		4.10		1.77		2.50		5.78		2.91		7.72		1.38		2.39		.64		2.00		3.27		38.50	
SALVISA LOCK 6	3.42	-1.72	4.94	1.10	2.59	-2.39	2.40	-1.59	7.25	3.47	4.52	.08	5.62	1.44	1.35	-2.73	4.45	1.16	.85	-1.47	2.04	-1.49	4.09	.61	43.52	-3.53
SHELBYVILLE	2.32	-2.36	5.17	1.63	2.01	-3.11	1.85	-2.34	6.37	2.36	3.00	-1.44	8.55	4.66	2.68	-.94	3.64	.69	.84	-1.65	1.89	-1.75	3.86	.40	42.18	-3.85
SPRINGFIELD	4.19		4.96		E 1.21		2.60		8.48		4.55		5.83		1.50		3.47		.50		1.59		3.75		E 42.63	
TAYLORSVILLE	2.43		4.86		2.48		2.23		5.03		3.58		8.19		2.93		2.99		.70		2.26		3.86		41.54	
TYRONE LOCK 5	3.43	-1.28	4.82	1.22	2.36	-2.43	2.38	-1.72	7.89	4.25	3.67	-.54	7.06	2.88	.81	-2.98	6.96	3.94	.70	-1.68	1.75	-1.76	4.25	.76	46.08	.66
VALLEY VIEW LOCK 9	3.58	-1.08	3.57	-.22	1.87	-2.59	2.51	-1.02	7.43	3.76	2.64	-1.85	5.62	.42	.93	-3.35	2.10	-1.01	.62	-1.38	1.30	-1.99	4.15	.75	36.32	-9.56
WARSAW MARKLAND DAM	2.46	-1.54	7.35	4.07	2.16	-2.24	1.80	-2.08	4.41	.77	4.18	.01	4.81	.93	8.38	5.00	7.63	4.76	1.29	-.99	1.70	-1.33	3.32	.43	49.49	7.79
WAYNESBURG 7 NE	4.28		E 4.73		1.98		3.72		6.80		2.51		8.99		2.41		6.20		.74		1.39		3.34		E 47.09	
WILLIAMSTOWN 3 NW	2.04	-2.07	4.60	1.21	1.96	-2.63	2.32	-1.68	5.46	1.50	4.83	.58	6.23	2.21	6.40	3.17	3.10	-.01	1.26	-1.11	1.95	-1.33	3.82	.81	43.97	.65
DIVISION	3.12	-1.51	4.80	1.24	2.11	-2.52	2.34	-1.56	5.88	1.99	4.21	-.23	6.04	1.44	3.44	-.23	4.76	1.82	.99	-1.30	1.76	-1.51	3.60	.24	43.05	-2.13
* * *																										
EASTERN 04																										
ALLEN	-		-		-		3.52		6.46		3.90		3.92		2.52		5.95		2.22		2.51		2.22		-	
ASHLAND	2.60	-1.18	2.72	-.35	1.67	-2.48	1.24	-2.15	5.65	1.70	4.68	.82	7.11	3.07	1.43	-1.89	2.68	-.13	1.53	-.37	2.1[illegible]	-.52	1.52	-1.31	35.01	-4.79
BARBOURVILLE	5.64		3.32		2.32		4.61		5.84		5.40		5.43		2.19		3.40		1.30		2.34		2.91		44.70	
BAXTER	5.80		3.20		3.44		3.38		6.76		4.57		8.26		5.09		5.16		4.06		2.5[illegible]		3.21		55.43	
BLAINE	E 4.12		E 4.30		E 1.62		E 1.80		7.22		6.70		9.28		E 1.53		4.23		1.18		3.59		1.60		E 47.17	
BUCKHORN	4.80		2.93		2.19		2.89		6.70		5.58		5.48		1.50		5.03		1.59		1.89		2.15		42.73	
BURDINE 2 NE	4.30		2.17		3.46		3.93		6.89		4.39		5.26		2.24		6.02		3.90		1.77		1.73		46.06	
CLAY CITY 1 WNW	4.14		4.51		1.59		2.56		5.98		5.34		6.74		1.10		3.91		1.03		1.34		3.00		41.24	
COLLEGE HILL LOCK 11	3.72	-.71	3.25	-.34	.92	-3.49	2.08	-1.53	5.64	2.01	4.08	-.14	7.27	2.11	1.02	-2.89	3.00	.25	.71	-1.27	1.59	-1.60	2.53	-.80	35.81	-8.40
CUMBERLAND	3.49		3.34		4.81		4.57		6.75		3.63		6.47		3.36		5.30		3.86		2.49		2.84		50.91	
CUMBERLAND FALLS ST PK	4.14		E 3.30		2.22		3.87		5.64		4.80		7.53		5.00		2.02		.97		1.69		2.91		E 44.09	
DEWEY DAM	4.40		3.41		1.91		-		-		-		-		-		-		-		-		-		-	
ELKHORN CITY	3.84		2.65		2.99		4.45		7.12		6.86		3.62		5.48		3.40		3.65		2.09		1.99		48.14	
FISHTRAP RESERVOIR	3.46		2.87		2.60		3.34		6.77		6.79		2.64		3.41		6.47		3.67		1.75		2.13		45.90	
FREEBURN 2 SW	4.51		2.95		3.28		3.06		7.19		6.59		5.40		3.04		4.89		3.63		1.97		2.49		49.00	
FRENCHBURG	3.38		E 3.86		3.20		3.53		10.36		3.33		5.74		2.91		6.60		1.20		E 2.25		3.40		E 49.76	
GRAYSON 5 SE	2.72		3.06		2.09		1.51		7.49		4.22		6.17		1.45		3.92		1.62		1.65		1.45		37.35	
GRAYSON RESERVOIR	2.32		2.42		1.70		1.74		E 7.35		6.35		6.86		2.49		5.5[illegible]		1.44		1.48		1.23		E 40.88	
HAZARD WATER WORKS	E 5.06		3.14		2.58		3.50		8.52		3.80		5.34		3.09		7.80		3.27		2.28		2.55		E 50.93	
HEIDELBERG LOCK 14	3.64	-.93	4.27	.27	1.54	-3.17	2.00	-1.67	5.68	1.99	4.34	-.05	5.07	-.07	1.71	-2.30	3.15	.37	1.77	-.26	1.93	-1.38	1.87	-1.41	36.97	-8.61
HINDMAN 11 NNE	E 4.10		1.40		1.97		3.07		7.30		4.59		5.48		1.01		7.74		3.22		1.34		2.56		E 43.78	
HYDEN	5.13		2.91		2.37		4.20		8.75		3.27		4.44		1.98		5.43		3.43		2.59		2.39		46.89	
JACKSON	4.61		3.42		2.04		2.78		5.79		3.39		7.46		1.88		5.43		1.20		1.49		1.66		41.15	
JEREMIAH	3.68		2.16		2.28		4.06		6.42		4.94		6.48		3.43		5.04		3.07		1.92		2.22		45.70	
LLOYD GREENUP DAM	2.23	-1.50	3.41	.34	1.94	-2.18	1.63	-2.10	5.12	1.24	6.40	2.26	6.17	1.81	3.45	-.09	3.65	.66	1.40	-.84	1.67	-.99	2.47	-.35	39.54	-1.74
LONDON FAA AP	5.20		3.48		2.54		3.89		4.52		4.66		6.02		2.86		4.04		.64		2.02		2.52		42.39	
LOUISA 2	3.42		3.12		1.89		1.91		6.45		3.83		8.59		1.42		4.48		1.8[illegible]		2.01		1.42		40.37	
MANCHESTER 4 SE	5.03		7.62		2.87		3.41		6.26		3.60		6.03		2.33		6.43		2.13		2.72		2.53		50.96	
MC KEE	5.20		4.72		2.60		2.65		5.86		4.30		6.48		3.09		4.46		E 1.02		E 1.94		E 2.41		E 44.73	
META	-		-		-		-		-		6.33		-		-		6.53		-		-		-		-	
MIDDLESBORO	5.46		3.82		3.36		3.42		8.63		5.07		6.27		2.16		2.51		3.19		2.09		4.18		50.16	
MONTICELLO	5.19		4.64		2.59		2.74		4.77		3.93		10.76		3.38		2.77		1.07		2.00		3.83		47.67	
MOUNT VERNON	4.45		5.48		1.91		3.54		6.74		5.87		8.77		4.11		6.54		.91		1.97		3.96		54.27	
ONEIDA	5.49		3.23		2.43		4.24		3.49		3.03		3.00		2.58		3.61		.98		2.24		1.39		35.71	
PAINTSVILLE 1 S	3.66		3.12		1.16		E 2.07		5.60		6.13		6.81		2.81		6.55		2.52		E 2.51		1.74		E 44.68	
PIKEVILLE	3.01	-.76	2.52	-1.28	2.60	-1.92	2.98	-.67	7.42	3.41	6.9[illegible]	2.58	3.44	-1.75	2.64	-1.31	6.45	3.41	2.65	.56	1.74	-.89	2.1[illegible]	-1.01	44.59	.37
PINEVILLE 4 NW	5.59		3.25		2.45		4.97		7.35		3.68		7.16		3.17		2.96		2.1[illegible]		2.53		3.35		48.65	
RAVENNA LOCK 12	3.73	-.59	3.23	-.22	1.13	-3.28	2.09	-1.69	6.41	2.81	3.88	-.28	7.04	1.78	3.22	-1.02	4.1[illegible]	1.25	1.1[illegible]	-.77	1.62	-1.64	1.8[illegible]	-1.14	39.57	-4.79
SALYERSVILLE 2 SE	4.67		2.58		1.60		2.99		6.14		7.75		7.87		5.08		6.17		1.47		2.31		2.03		50.66	
SOMERSET 2 N	3.91		5.04		1.91		5.19		7.43		3.60		7.07		3.11		3.18		.44		1.90		3.77		46.55	
STEARNS 1 W	6.96		4.26		3.61		3.38		5.88		4.04		10.45		7.50		5.94		.88		1.83		3.42		58.15	
TILFORD	2.19		2.14		2.03		E 3.91		E 7.16		3.70		5.95		E 2.09		2.83		4.80		E 2.42		1.65		E 40.87	
TOMAHAWK 1 WSW	5.03		3.57		2.36		2.91		5.86		4.65		7.15		1.43		6.90		2.14		3.61		2.57		48.18	
VANCEBURG	E 2.51	-1.60	E 5.54	2.14	E 2.13	-2.34	1.65	-2.04	6.14	2.05	4.92	.62	5.62	1.06	5.24	1.55	3.55	.85	1.17	-1.11	2.04	-1.04	3.76	.65	E 44.27	.79
WEST LIBERTY	4.27		3.50		1.48		2.01		4.88		3.99		13.02		1.73		5.87		1.28		1.85		1.73		45.61	
WILLIAMSBURG 1 E	4.44	-.22	3.52	-.90	2.34	-2.45	4.62	.68	5.80	1.77	4.12	.20	7.30	2.40	5.66	1.89	E 4.98	2.29	.93	-1.42	2.03	-1.40	2.81	-1.03	E 48.55	1.81
WILLOW LOCK 13	3.39	-1.51	4.02	-.24	2.34	-2.58	1.68	-2.01	6.82	2.97	4.11	-.32	7.66	2.66	3.10	-1.10	4.64	1.80	1.27	-.85	1.84	-1.61	1.92	-1.61	42.79	-4.40
DIVISION	4.45	-.05	3.88	-.15	2.42	-2.28	3.11	-.64	6.41	2.43	4.54	.27	7.11	2.35	2.91	-.89	4.7[illegible]	1.98	1.81	-.47	2.17	-1.04	2.68	-.95	46.28	.56

Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN ALL THE 1971 MONTHLY ISSUES OF THIS BULLETIN.

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

KENTUCKY
1971

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
* * *																													
WESTERN 01																													
BARDWELL 4 E	98	6-26+	5	2-9+	3-4	15	3-4	15	4-2	24	4-5	28	4-8	30	11-4	28	11-4	28	11-7	23	11-8	20	NONE			249	219	213	210
BEAVER DAM	96	6-27	-5	2-9	2-14	3	3-24	18	3-30	24	4-8	28	5-4	30	11-4	26	11-4	26	11-7	22	11-8	15	11-8	15	267	229	222	210	184
FORDS FERRY DAM 50	98	8-26+	4	2-9	2-14	9	3-4	19	3-24	22	3-24	22	4-7	30	11-6	30	11-7	25	11-8	21	12-18	18	NONE			289	229	228	213
GILBERTSVILLE KY DAM	102	6-27+	5	2-9	2-14	13	2-15	19	3-25	23	3-25	23	4-7	32	11-7	26	11-7	26	11-8	23	12-18	17	NONE			306	228	227	214
GOLDEN POND 8 N	97	6-27	5	2-9	3-4	13	3-5	20	3-5	20	3-24	25	4-7	31	11-7	26	11-7	26	11-8	23	12-18	19	NONE			288	248	228	214
GREENVILLE 2 W		-	-5	2-9	3-4	13	3-24	17	3-30	23	3-30	23	-		11-4	30	11-7	22	11-7	22	11-8	17	12-18	16	289	229	222	222	-
HENDERSON 7 SSW	97	7-9+	3	2-9	2-14	8	3-24	20	3-24	20	4-7	28	4-7	28	11-4	31	11-7	24	11-7	24	11-8	19	12-18	16	307	229	228	214	211
HICKMAN 1 E	98	6-26	6	2-9	2-14	8	2-14	8	3-4	22	3-27	26	4-7	31	11-4	30	11-7	26	11-8	20	11-8	20	NONE			267	249	225	211
HOPKINSVILLE	100	6-27	-1	2-9	2-15	10	3-5	17	3-25	23	3-27	28	4-8	31	11-4	31	11-7	25	11-8	22	12-18	18	NONE			288	228	225	210
LOVELACEVILLE	100	6-26	3	2-9	3-4	14	3-24	19	3-24	19	4-8	28	4-8	28	11-4	28	11-4	28	11-7	24	11-8	20	NONE			229	228	210	210
MADISONVILLE 1 SE	97	7-9+	2	2-9	3-4	15	-		-		-		-		11-4	27	11-4	27	11-7	21	11-8	16	11-8	16	249	-	-	-	-
MAYFIELD RADIO WNGO	97	6-27+	3	2-9	-		3-24	19	3-30	23	4-8	27	4-15	32	11-4	30	11-7	23	11-7	23	11-8	20	NONE		-	229	222	213	203
MURRAY	98	7-9+	2	2-9	2-14	10	3-4	17	3-24	23	3-27	28	4-7	31	11-4	32	11-7	27	11-8	21	12-18	18	NONE			289	229	225	211
OWENSBORO 2 W	97	6-27+	0	2-9	2-14	6	2-16	18	3-24	21	3-30	28	4-7	30	11-4	30	11-7	23	11-7	23	11-8	18	12-18	16	307	265	228	222	211
PADUCAH FAA AIRPORT	99	6-26	3	2-9	2-14	10	3-4	17	3-24	23	3-27	27	4-7	32	11-4	32	11-7	23	11-7	23	12-18	18	NONE			289	228	225	211
PADUCAH SEWAGE PLANT	100	6-27+	5	2-10	2-14	11	2-15	20	3-5	24	3-31	26	4-8	30	11-4	32	11-7	27	12-18	20	12-18	20	NONE			306	288	221	210
PRINCETON 1 SE	96	6-27+	-1	2-9	3-4	12	3-24	20	3-24	20	3-30	27	4-7	30	11-4	28	11-4	28	11-7	22	11-8	17	12-18	13	289	229	228	219	211
ROCHESTER LOCK 3	97	6-27	2	2-1	2-15	10	3-24	18	3-25	21	3-31	27	4-11	31	11-4	32	11-7	25	11-8	19	11-8	19	NONE			229	228	221	207
RUSSELLVILLE	98	6-28	-3	2-9	3-5	12	3-24	18	3-25	22	3-27	25	5-4	31	11-4	28	11-4	28	11-7	23	11-8	19	NONE			229	227	222	184
* * *																													
CENTRAL 02																													
ANCHORAGE	97	6-27	-5	2-2	3-24	15	3-24	15	3-25	24	4-7	28	4-15	32	11-4	31	11-7	19	11-7	19	11-7	19	11-8	15	229	228	227	214	203
BARDSTOWN	97	6-27	-3	2-9	3-24	15	3-24	15	3-30	22	3-30	22	5-4	29	11-4	27	11-4	27	11-7	21	11-8	15	11-8	15	229	229	222	219	184
BARREN RIVER RESERVOIR	99	6-28+	-8	2-1	3-24	16	3-25	18	3-30	24	3-31	25	5-5	31	11-4	29	11-7	25	11-8	22	12-18	14	12-18	14	269	268	223	221	183
BERNHEIM FOREST	97	6-27	-8	2-9	3-24	13	3-24	13	3-30	21	4-11	28	5-4	29	11-4	27	11-4	27	11-7	19	11-7	19	11-8	14	229	228	222	207	184
BOWLING GREEN FAA AP	98	6-27+	-6	2-9	2-14	6	2-16	20	3-24	21	3-30	28	4-11	31	11-4	32	11-7	23	11-7	23	11-8	19	12-18	16	307	265	228	222	207
BRADFORDSVILLE	96	6-28	-8	2-9	3-24	12	3-30	20	3-30	20	5-4	27	5-4	27	11-4	24	11-4	24	11-4	24	11-7	19	11-8	13	229	222	219	184	184
CAMPBELLSVILLE 2 SSW	96	6-5	-10	2-9	2-14	6	3-24	17	3-27	24	3-30	25	4-15	32	11-4	32	11-7	24	11-7	24	11-8	16	11-8	16	267	229	225	222	203
CECILIA	96	6-27	-7	2-10+	2-14	12	3-24	17	3-24	17	3-26	28	5-4	31	11-5	29	11-7	21	11-7	21	11-8	16	11-8	16	267	229	228	226	185
GLASGOW WKAY	95	6-27	-6	2-9	3-4	15	3-24	17	3-27	24	3-30	27	5-4	30	11-4	26	11-4	26	11-7	20	11-7	20	12-18	14	289	228	225	219	184
GREENSBURG	98	6-28	-4	2-3+	2-15	10	3-24	18	3-25	21	3-31	28	5-4	32	11-4	30	11-7	25	11-8	20	11-8	20	NONE			229	228	221	184
HODGENVILLE-LINCOLN NP	96	6-27	-8	2-9	3-24	16	3-24	16	3-30	24	4-7	28	5-4	31	11-4	29	11-7	21	11-7	21	11-8	16	11-8	16	229	229	222	214	184
IRVINGTON	96	6-28+	-4	2-9	3-24	15	3-24	15	3-30	21	5-4	28	5-4	28	11-4	27	11-4	27	11-7	20	11-7	20	11-8	15	229	228	222	184	184
JAMESTOWN	95	6-28+		-	-		-		-		-		-		-		-		-		-		-		-	-	-	-	-
LEITCHFIELD 2 N	97	6-27	-5	2-9	2-14	12	3-24	18	3-24	18	3-30	28	5-4	30	11-7	20	11-7	20	11-7	20	11-7	20	11-8	16	267	228	228	222	187
LOUISVILLE	100	6-28+	3	2-9+	2-14	13	2-14	13	3-24	23	3-24	23	3-26	32	11-6	32	11-7	25	11-8	24	12-18	16	12-18	16	307	307	229	228	225
LOUISVILLE WSO	97	6-27	1	2-9	2-14	11	2-16	19	3-24	21	3-27	28	3-30	29	11-6	31	11-7	22	11-7	22	11-8	20	12-18	16	307	265	228	225	221
MAMMOTH CAVE PARK	96	6-27	-6	2-9	3-24	16	3-24	16	3-27	24	4-3	26	5-4	29	11-4	27	11-4	27	11-7	21	11-8	15	11-8	15	229	229	225	215	184
NOLIN RIVER RESERVOIR	98	6-28	-8	2-10	3-24	16	3-25	19	3-31	24	4-8	27	5-5	31	11-4	27	11-4	27	11-7	21	11-8	18	12-18	13	269	228	221	210	183
ROUGH RIVER DAM	99	6-28	-5	2-10	3-24	15	3-25	17	3-30	24	3-31	27	5-5	32	11-4	30	11-7	22	11-7	22	11-8	18	12-18	12	269	228	222	221	183
SCOTTSVILLE 3 SSW	95	6-27+	-4	2-1	2-14	8	3-24	20	3-24	20	3-27	27	4-7	30	11-7	24	11-7	24	11-7	24	12-18	16	12-18	16	307	269	228	225	214
SUMMER SHADE	95	6-26	-10	2-9+	3-4	14	3-24	18	3-30	24	4-7	28	5-4	30	11-4	27	11-4	27	11-7	24	11-8	18	12-18	14	289	229	222	211	184
* * *																													
BLUE GRASS 03																													
BEREA COLLEGE	95	6-27+	-4	2-2+	-		-		-		-		4-7	29	11-5	21	11-5	21	11-5	21	11-8	12	11-8	12	-	-	-	-	212
CARROLLTON LOCK 1	94	6-28+	-5	2-2	2-14	3	3-24	20	3-30	23	4-2	28	5-4	31	11-4	31	11-7	19	11-7	19	11-7	19	12-18	14	307	228	222	219	184
COVINGTON WSO	97	6-27	-3	2-2	2-14	-1	3-24	19	3-30	22	3-30	22	5-4	30	11-4	29	11-7	18	11-7	18	11-7	18	11-8	14	267	228	222	222	184
CYNTHIANA 2	97	6-28	-8	2-3+	3-24	16	3-30	20	3-30	20	5-4	27	5-4	27	11-4	27	11-4	27	-		11-8	14	11-8	14	229	223	-	184	184
DANVILLE	95	6-28	-1	2-10	2-15	8	3-25	19	3-25	19	4-8	28	-		11-7	24	11-7	24	11-7	24	11-8	17	12-18	14	306	228	227	213	-
DIX DAM	94	6-27	-2	2-9+	3-4	16	3-24	17	3-24	17	4-7	28	4-10	32	11-7	25	11-7	25	11-8	19	11-8	19	NONE			229	229	214	211
FALMOUTH 5 WNW	98	6-27	-5	2-9+	3-25	16	3-30	18	5-4	23	5-4	23	5-4	23	10-8	31	11-4	24	11-4	24	11-7	13	11-7	13	227	222	184	184	157
FARMERS 1 WNW	95	6-28+	-9	2-2	3-24	15	3-24	15	4-7	24	4-7	24	5-4	29	11-4	29	11-5	24	11-5	24	11-8	16	11-8	16	229	229	212	212	184
FLEMINGSBURG 1 SW	94	6-27	-8	2-2	3-4	13	3-25	20	3-30	22	4-10	28	5-4	30	11-4	29	11-5	28	11-7	20	11-7	20	11-8	13	249	227	222	209	184
FRANKFORT LOCK 4	98	6-28	-3	2-3+	2-15	8	3-25	20	3-31	24	3-31	24	5-4	30	11-4	32	11-7	23	11-7	23	11-8	18	12-18	15	306	228	221	221	184
LEXINGTON WSO	93	6-27	-2	2-2+	2-14	6	3-24	17	3-30	23	4-7	28	5-4	32	11-4	30	11-7	22	11-7	22	11-8	18	12-18	15	307	229	222	214	184
MAYSVILLE SEWAGE PLANT	96	6-28	0	2-2+	3-9	15	3-26	20	3-30	24	4-11	27	5-5	31	11-5	30	11-7	23	11-7	23	11-8	11	11-8	11	244	227	222	210	184
MOUNT STERLING	94	6-27	-3	2-1	2-14	3	3-24	18	3-25	24	4-7	27	4-10	32	11-4	32	11-7	23	11-7	23	11-8	17	12-18	13	307	229	227	214	208
OWENTON	95	6-27	-2	2-2+	3-5	16	3-25	20	3-25	20	3-31	28	-		-		-		-		-		-		-	-	-	-	-
RICHMOND	95	6-28	-4	2-2+	3-24	14	3-24	14	3-30	23	4-7	28	5-4	30	11-4	29	11-7	21	11-7	21	11-8	17	12-18	11	269	229	222	214	184
SHELBYVILLE	95	6-28	-3	2-3+	2-15	9	3-25	19	3-25	19	4-7	28	4-8	30	11-4	32	11-7	20	11-7	20	11-7	20	11-8	16	266	227	227	214	210
WARSAW MARKLAND DAM	95	6-28	0	2-14+	3-10	16	3-31	20	4-8	24	5-5	28	5-5	28	11-4	31	11-7	21	11-7	21	11-8	17	12-18	16	283	222	213	186	183
WAYNESBURG 7 NE	93	6-27	-5	2-1	3-24	16	3-24	16	3-30	24	3-30	24	5-4	32	11-4	27	11-4	27	11-7	20	11-7	20	11-8	15	229	228	222	219	184
WILLIAMSTOWN 3 NW	95	6-28+	-5	2-1	3-24	16	3-25	20	3-30	23	4-7	26	4-8	32	11-4	30	11-7	17	11-7	17	11-7	17	11-8	16	229	227	222	214	210
* * *																													
EASTERN 04																													
ASHLAND	95	6-29	-3	2-10+	3-25	16	3-26	20	3-31	24	5-4	28	5-5	29	11-4	29	11-5	27	11-8	17	11-8	17	11-23	15	243	227	222	185	183
BARBOURVILLE	95	6-28	-3	2-11+	3-10	16	3-25	18	3-31	24	4-4	27	5-5	30	11-4	29	11-5	26	11-8	18	11-8	18	12-18	11	283	228	222	215	183
BAXTER	93	6-27	0	2-11+	3-10	16	3-10	16	3-25	22	4-12	28	5-5	31	11-4	32	11-5	28	11-8	20	11-8	20	NONE			243	228	207	183
BLAINE	95	6-29	-10	2-3+	3-25	15	4-1	20	4-16	24	5-5	28	5-5	28	10-8	31	11-4	27	11-5	24	11-8	13	11-8	13	228	221	203	183	156
CUMBERLAND	92	6-6	-5	2-10	3-21	13	4-3	18	4-16	23	5-4	25	5-4	25	11-4	27	11-4	27	11-5	22	11-8	16	11-8	16	232	219	203	184	184
DEWEY DAM		-		-	3-6	14	3-25	20	-		-		-		-		-		-		-		-		-	-	-	-	-
GRAYSON 5 SE	95	6-29	-10	2-3+	3-25	14	3-27	20	4-1	22	5-5	28	5-5	28	10-8	32	11-4	28	11-5	24	11-8	14	11-8	14	228	226	218	183	156
HEIDELBERG LOCK 14	93	6-27	-9	2-2	3-24	14	3-24	14	4-3	23	5-4	27	5-4	27	11-4	28	11-4	28	11-8	16	11-8	16	11-8	16	229	229	219	184	184
HINDMAN 11 NNE	94	6-7	-7	2-1	3-24	16	3-25	20	4-11	24	4-15	28	5-4	29	-		-		11-8	17	11-8	17	12-18	15	269	228	211	-	-
HYDEN	91	6-27	-6	2-2	3-25	16	3-25	16	3-25	16	5-5	28	5-5	28	11-4	31	11-5	27	11-8	19	11-8	19	12-18	15	268	228	228	184	183
JACKSON	95	7-10+	-3	2-3	3-6	16	3-25	19	3-25	19	4-1	27	5-5	31	11-4	32	11-6	28	11-8	19	11-8	19	NONE			228	228	219	183
LONDON FAA AP	93	6-27	-11	2-1	3-9	16	3-24	17	3-30	24	3-31	27	5-4	29	11-4	29	11-5	27	11-7	22	11-8	19	12-18	11	284	229	222	219	184
MANCHESTER 4 SE	92	6-27	-11	2-1	3-24	16	3-24	16	4-3	23	5-4	25	5-4	25	11-4	28	11-4	28	11-8	17	11-8	17	12-18	13	269	229	219	184	184
MC KEE	94	6-28	-11	2-10+	3-25	16	3-30	20	4-3	22	5-5	27	5-5	27	-		-		-		-		-		-	-	-	-	-
MIDDLESBORO	92	6-27	0	2-2	3-6	16	3-25	20	4-4	22	5-5	28	5-5	28	11-4	31	11-5	25	11-8	18	11-8	18	12-18	16	287	228	218	184	183
MONTICELLO	95	6-27	-11	2-10	3-24	16	3-24	16	3-30	24	4-3	28	5-4	29	11-4	29	11-7	26	11-8	18	11-8	18	12-18	16	269	229	223	218	184

See Reference Notes Following Station Index

Table 3—Continued

TEMPERATURE EXTREMES AND FREEZE DATA

KENTUCKY
1971

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
MOUNT VERNON	93	6-27	- 7	2- 2	3-24	15	3-24	15	3-30	23	3-31	28	5- 4	30	11- 4	27	11- 4	27	-		11- 8	15	11- 8	15	229	229	-	218	184
PIKEVILLE	93	9-15+	1	2- 2	3- 5	16	3-24	20	3-24	20	4- 3	28	4-15	31	11- 5	30	11- 8	21	11- 8	21	11-23	20	-		-	244	229	219	204
SOMERSET 2 N	95	6-27	-13	2- 1	3-24	15	3-24	15	3-30	22	4- 8	28	5- 4	32	11- 4	30	11- 5	28	11- 7	24	11- 8	19	12-18	14	269	229	222	211	184
STEARNS 1 W	93	6-27		-	-		-		-		-		-		11- 4	26	11- 4	26	11- 7	17	11- 7	17	12-18	13	-	-	-	-	-
TOMAHAWK 1 WSW	94	6-29	- 9	2- 2	3-25	14	3-31	20	4-11	24	5- 4	28	5- 5	31	11- 4	32	11- 5	25	11- 8	16	11- 8	16	11- 8	16	228	222	211	185	183
VANCEBURG	95	6-28+	- 7	2- 2	3-25	16	-		4- 7	24	5- 4	28	5- 4	28	11- 4	28	11- 4	28	11- 7	20	11- 7	20	11- 8	15	228	-	214	184	184
WEST LIBERTY	93	6-29	- 9	2- 3	3-25	15	3-25	15	-		5- 5	28	5- 5	28	11- 4	29	11- 5	26	11- 8	11	11- 8	11	11- 8	11	228	228	-	184	183
WILLIAMSBURG 1 E	92	6-27+	1	2- 1	2-14	9	3-24	20	3-27	24	3-30	25	4-11	30	11- 5	22	11- 5	22	11- 5	22	11- 8	18	12-18	14	307	229	223	220	208

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * * WESTERN 01														
MADISONVILLE 1 SE	EVAP	-	-	-	-	6.20	6.65	7.03	5.56	4.52	-	-	-	-
	WIND	-	-	-	-	1724	1045	1142	794	962	-	-	-	-
	MAX	-	-	-	-	78.3	93.9	91.2	91.4	84.0	-	-	-	-
	MIN	-	-	-	-	52.9	68.2	68.3	66.3	64.0	-	-	-	-
* * * CENTRAL 02														
NOLIN RIVER RESERVOIR	EVAP	-	-	-	6.61	7.20	6.72B	6.83B	5.53	4.12B	3.42	-	-	-
	WIND	-	-	-	1846B	1508	860	1033	713	791	903	-	-	-
* * * BLUE GRASS 03														
DIX DAM	EVAP	-	-	-	5.88B	5.88B	6.70B	6.36B	5.46	4.26	3.90B	-	-	-
	OEP	-	-	-	1.45	.35	.68	- .20	- .31	- .47	.99	-	-	-
	WIND	-	-	-	1728B	1475	885	984	826	849	1006B	-	-	-
	MAX	-	-	-	71.3	79.9	91.5	92.2	88.4	84.3	74.6	-	-	-
	MIN	-	-	-	44.8	51.7	66.8	68.3	65.8	63.8	55.3	-	-	-
* * * EASTERN 04														
BUCKHORN	EVAP	-	-	-	6.16B	5.07B	5.36B	5.37	4.30	3.38B	2.70B	-	-	-
	WIND	-	-	-	1283B	1055	406	501	327	320	398	-	-	-
	MAX	-	-	-	77.7	81.9	97.5	98.8	94.9	90.5	83.2	-	-	-
	MIN	-	-	-	43.2	52.1	68.3	69.8	68.6	66.4	58.3	-	-	-

SOIL TEMPERATURES

Station	Depth (IN)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
BARDSTOWN	4		35.7	46 30	38.7	50 30	44.2	57 35	54.9	65 42	63.8	75 52	76.2	86 65	78.3	85 72	76.4	81 70	73.5	81 65	65.7	78 57	51.7	67 41	46.4	53 39	58.8	86 30
	20	5PM	42.1	45 40	41.7	46 39	46.9	58 44	53.7	59 48	61.7	65 58	71.3	76 65	75.7	77 74	74.8	76 74	73.1	75 70	67.1	73 64	57.5	66 51	50.8	53 48	59.7	77 39
BEREA COLLEGE	4		38.5	55 25	40.9	58 28	45.8	61 35	57.9	71 42	65.2	75 51	77.3	85 65	79.1	84 70	77.8	81 73	76.0	81 68	68.7	79 62	54.8	70 44	49.1	57 39	60.9	85 25
	20	5PM	43.6	46 41	43.2	48 40	47.2	51 44	54.9	60 50	62.7	71 58	73.2	78 67	78.1	82 77	76.8	78 76	76.0	78 73	70.6	75 69	61.2	70 55	56.5	58 52	62.0	82 40
CAMPBELLSVILLE 2 SSW	4		38.6	50 34	40.3	48 35	44.3	53 37	54.8	68 43	64.2	77 53	76.8	87 64	78.3	87 73	77.1	82 70	73.8	80 68	66.3	77 58	53.6	68 45	47.6	56 42	59.6	87 34
	20	6PM	41.2	45 40	40.6	45 37	44.1	46 40	51.2	57 46	60.6	65 56	71.2	80 64	75.0	77 70	74.7	75 74	73.0	75 70	67.8	73 65	57.7	66 51	50.5	52 49	59.0	80 37
CUMBERLAND GAP PARK	4		38.1	50 33	39.8	50 34	45.2	55 37	55.8	66 45	63.8	80 51	75.9	83 64	77.3	84 73	75.9	81 71	72.9	80 68	65.0	75 57	50.2	67 40	47.2	55 39	58.9	84 33
	20	5PM	43.3	46 41	42.0	46 40	46.5	49 44	53.2	58 48	60.4	65 56	70.7	75 64	74.5	75 73	74.2	75 73	72.2	74 71	66.7	72 65	55.7	65 50	50.5	53 48	59.2	75 40
FLEMINGSBURG 1 SW	4		-	- -	36.8	46 33	42.0	50 35	50.9	58 43	59.2	71 49	74.5	83 64	75.9	82 70	74.4	80 68	72.8	81 65	65.7	78 58	51.5	67 41	46.5	54 39	-	83 -
	20	6PM	-	- -	37.6	42 36	41.8	44 39	47.6	51 44	55.0	58 51	66.3	72 59	71.3	72 70	70.7	72 70	69.8	71 68	65.1	70 63	55.2	63 49	48.2	50 46	-	72 -
GLASGOW WKAY	4		40.6	51 35	41.6	49 36	45.1	52 38	55.1	63 44	63.2	71 53	75.2	83 64	77.1	81 72	75.8	79 72	73.5	78 68	66.3	75 60	54.4	68 46	49.7	54 45	59.8	83 35
	20	6PM	43.0	46 41	42.1	45 40	45.3	47 43	52.1	56 47	59.6	63 56	69.1	73 63	73.6	74 73	73.5	74 73	72.0	74 70	66.7	71 65	57.8	66 52	51.5	53 50	58.9	74 40
GREENVILLE 2 W	4		38.2	48 33	39.7	58 33	46.4	57 38	-	- 43	-	- -	80.0	92 69	80.5	- 72	80.0	86 74	77.3	84 69	69.7	81 62	53.8	70 45	48.6	57 40	-	- 33
	20	5PM	42.2	45 40	41.1	45 39	45.0	48 41	-	- 48	-	- -	71.6	77 64	75.0	- 73	74.9	76 73	73.9	76 71	68.6	73 63	57.5	67 51	50.9	53 49	-	- 39
HENDERSON 7 SSW	4		38.8	44 36	40.0	47 35	45.3	51 39	54.7	63 45	62.9	69 55	77.2	84 67	78.6	84 72	76.5	80 71	74.9	81 69	68.6	78 64	55.7	68 49	48.9	53 42	60.2	84 35
	20	6PM	42.6	45 41	41.3	45 39	45.3	48 43	51.8	56 47	59.1	61 55	69.8	75 62	74.3	75 72	72.7	74 71	72.7	75 70	68.5	73 67	59.0	66 53	51.8	54 50	59.1	75 39
IRVINGTON	4		37.5	47 34	39.6	50 34	45.2	55 36	55.5	67 40	63.6	72 51	75.1	86 64	76.6	84 66	75.1	82 67	72.4	79 64	66.6	79 57	-	- -	48.5	57 40	-	86 34
	20	4PM	39.0	41 37	38.3	42 36	42.2	45 40	48.5	53 43	57.0	61 52	66.6	72 60	71.4	73 69	70.4	72 68	69.3	71 66	64.3	70 61	54.1	63 47	47.9	50 46	55.8	73 36
LEXINGTON CAMPUS FARM (BARE GROUND)	1		-	- -	39.3	63 32	44.6	73 28	58.3	91 34	65.5	94 35	-	- 58	-	100 59	79.6	102 59	74.0	99 52	65.1	88 43	48.3	85 29	-	- -	-	102 -
	2		-	- -	39.2	58 33	44.0	67 30	56.9	82 36	64.1	88 38	-	- 61	-	95 61	78.6	96 61	73.5	94 55	65.1	83 46	48.4	79 32	-	- -	-	96 -
	4		-	- -	38.8	54 33	43.3	59 35	55.3	74 39	62.5	80 42	-	- 63	76.7	89 65	77.2	89 65	72.5	87 59	64.7	80 50	49.2	73 36	-	- -	-	89 -

See Reference Notes Following Station Index

SOIL TEMPERATURES

Continued

Station	Depth (IN)	Time	January Average	January Extremes	February Average	February Extremes	March Average	March Extremes	April Average	April Extremes	May Average	May Extremes	June Average	June Extremes	July Average	July Extremes	August Average	August Extremes	September Average	September Extremes	October Average	October Extremes	November Average	November Extremes	December Average	December Extremes	Annual Average	Annual Extremes
LEXINGTON CAMPUS FARM																												
(BARE GROUND)	8		-	- -	38.9	50 34	43.0	54 36	54.3	68 41	61.5	74 46	-	- 64	-	84 67	76.2	85 67	72.1	83 61	64.6	77 53	51.3	69 41	-	- -	-	85 -
(SOD)	1		-	- -	38.2	48 33	42.2	57 30	52.7	71 37	61.2	73 47	-	- 63	76.9	- 69	74.4	81 60	72.5	94 64	65.3	88 57	51.0	69 41	-	- -	-	94 -
	2		-	- -	38.6	48 33	43.1	58 35	52.9	63 39	61.5	75 47	-	- 64	77.0	85 70	74.6	80 67	72.4	88 64	65.6	83 58	51.7	69 42	-	- -	-	88 -
	4		-	- -	38.5	47 34	42.7	51 35	52.7	62 43	61.4	70 50	-	- 64	76.5	84 66	74.5	80 66	72.3	79 66	65.7	75 60	52.2	68 43	-	- -	-	84 -
	8		-	- -	39.0	45 35	43.0	49 36	52.0	59 44	60.4	66 52	-	- 64	-	- 72	74.0	77 69	71.9	77 67	65.8	73 61	53.8	67 44	-	- -	-	77 -
	20	7PM	-	- -	40.0	43 38	43.5	47 41	50.2	54 45	58.0	61 54	-	- 62	-	- 72	72.4	73 71	70.7	73 68	66.1	70 63	56.7	65 51	-	- -	-	73 -
	40	7PM	-	- -	42.4	44 41	44.6	46 44	48.9	52 45	55.5	59 52	-	- 58	69.7	71 68	70.2	71 70	69.5	71 68	66.5	70 63	60.2	65 56	-	- -	-	71 -
MAYFIELD RADIO WNGO																												
	4		43.3	49 37	43.1	52 37	49.4	57 42	61.7	71 49	70.0	76 63	80.1	88 74	80.5	89 74	79.9	85 73	77.4	84 68	70.9	72 65	56.2	72 -	50.7	57 42	63.6	89 37
	20	5PM	42.0	47 37	42.0	49 38	47.4	55 41	56.0	68 49	65.5	75 60	-	- -	76.1	83 73	-	- -	75.0	78 71	70.1	75 65	59.5	68 -	51.8	54 50	-	- 37
PRINCETON 1 SE																												
	4		38.3	48 35	39.9	49 34	45.5	54 38	57.9	70 43	65.7	74 55	79.4	88 69	79.6	87 71	77.4	82 71	74.0	79 67	68.1	76 62	54.0	67 46	48.9	55 42	60.7	88 34
	20	5PM	42.7	46 41	41.5	46 39	45.8	49 43	53.2	59 47	61.1	64 57	71.1	75 64	74.5	76 72	73.5	74 72	72.0	74 70	68.0	74 65	58.2	66 48	51.8	54 50	59.5	76 39
QUICKSAND																												
	4		36.0	49 32	39.1	50 33	43.7	54 34	53.9	67 43	62.2	72 51	77.1	86 65	79.0	84 73	77.0	86 72	74.7	81 67	66.9	77 60	51.1	69 38	47.2	55 38	59.0	86 32
	20	4PM	39.5	44 37	39.9	44 37	43.6	47 40	51.3	55 46	59.3	64 55	71.3	76 64	75.8	77 75	74.9	76 74	73.4	76 70	67.8	73 65	54.6	66 47	48.7	52 45	58.3	77 37
SANDY HOOK 4 NW																												
	4		36.7	49 34	39.5	50 34	44.6	56 37	54.6	65 44	62.9	74 48	75.0	82 64	76.0	82 69	72.8	78 63	70.9	79 62	62.9	72 55	-	- -	-	- -	-	82 34
	20	6PM	39.6	41 37	39.6	43 37	43.1	46 40	49.6	56 45	56.5	62 52	66.7	75 62	70.1	71 69	69.1	70 68	67.6	70 65	62.3	67 60	-	- -	-	- -	-	75 37
SOMERSET 2 N																												
	1		39.6	53 32	41.1	51 34	45.0	56 34	56.8	69 43	65.6	76 55	77.7	90 64	79.6	91 72	77.5	83 71	74.3	82 65	67.0	78 59	53.0	69 41	48.3	57 40	60.4	91 32
	4		39.5	51 33	41.1	49 34	44.9	54 35	55.8	66 44	64.5	73 55	76.5	87 65	78.7	89 72	76.4	85 70	73.1	80 65	65.9	76 58	53.0	68 42	48.2	56 41	59.8	89 33
	20	6PM	45.0	48 43	44.0	47 42	46.9	49 43	54.3	59 49	62.7	66 59	72.1	77 66	76.6	81 75	76.0	77 75	74.0	77 67	69.1	73 67	59.2	68 52	52.8	55 50	61.1	81 42
WILLIAMSTOWN 3 NW																												
	4		37.0	43 35	-	44 -	42.2	50 37	51.5	58 43	59.8	67 51	70.9	75 64	78.2	79 71	74.1	79 68	72.4	79 65	65.9	75 58	52.3	66 43	46.4	53 40	-	79 -
	20	6PM	39.6	42 38	38.1	42 37	41.8	44 40	47.7	52 44	55.5	59 51	64.6	68 59	70.0	71 68	69.8	70 69	69.2	71 67	64.8	69 63	55.5	64 49	48.2	50 47	55.4	71 37

AVERAGE DATA ARE FROM MAX AND MIN READINGS FOR 24 HOURS UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS AT TIME SHOWN.

BARDSTOWN
BEREA COLLEGE
CAMPBELLSVILLE 2 SSW
CUMBERLAND GAP PARK
EASTERN KENTUCKY UNIVERSITY
FLEMINGSBURG 1 SW
GLASGOW WKAY
GREENVILLE 2 W
HENDERSON 7 SSW
IRVINGTON
LEXINGTON CAMPUS FARM
MAYFIELD RADIO WNGO
PRINCETON 1 SE
QUICKSAND
SANDY HOOK 4 NW
SOMERSET 2 N
WILLIAMSTOWN 3 NW

SOIL TYPE
PEMBROKE SILT LOAM
BYINGTON SILT LOAM
DICKSON SILT LOAM
STENDAL SILT LOAM
DISTURBED LOWELL
LOWELL ERODED
SILT LOAM FILL
TILSIT SILT LOAM
MEMPHIS SILT LOAM
CRIDER SILT LOAM
MAURY SILT LOAM
COLLINS SILT LOAM
CANEYVILLE SILT LOAM
STENDAL SILT LOAM
JEFFERSON GRAVELLY LOAM
CAPTINA SILT LOAM
NICHOLSON SILT LOAM

SOIL COVER
CLIPPED FESCUE SOD
CLIPPED BLUEGRASS SOD
FESCUE PASTURE
THICK STAND OF CLIPPED FESCUE
BLUEGRASS SOD
BLUEGRASS AND CLOVER
BLUEGRASS SOD
CLIPPED FESCUE
BLUEGRASS SOD
BLUEGRASS
CLIPPED BLUEGRASS SOD AND BARE GROUND
BLUEGRASS
SOD-BLUEGRASS
WHITE CLOVER, FESCUE AND BLUEGRASS
BLUEGRASS AND FESCUE
BLUEGRASS AND CLOVER
BLUEGRASS AND FESCUE

DEGREE OF SLOPE
ZERO
ZERO
3 PERCENT TO THE SOUTH
8 PERCENT TO THE NORTH
ZERO
5 PERCENT TO THE SOUTH
6 PERCENT TO THE WEST
ZERO
10 PERCENT TO THE SOUTH
4 PERCENT TO THE NNW
ZERO
ZERO
3 PERCENT TO THE NORTH
ZERO
ZERO
3 PERCENT TO THE EAST
9 PERCENT TO THE SOUTHEAST

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	Division No.	County	Drainage ‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		44			AUG	2
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		21				2
ALLEN	0095	04	FLOYD	1	37 36	82 44	640		32		MAR		2
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 32	730	73	74				1 2 3
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	58	59				1 2 3
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	22	26				1 2 3 C
BARDSTOWN	0397	02	NELSON	8	37 48	85 28	637	22	22				1 2 3 G
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	8	8				1 2 3
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	9	9				1 2 3
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	20	31				1 2 3 C
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	64	64				1 2 3
BENTON	0611	01	MARSHALL	9	36 51	88 21	385						C
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	70	70				1 2 3 CG
BEREA	0624	03	MADISON	4	37 34	84 19	1000		25				2
BERNHEIM FOREST	0630	02	BULLITT	8	37 55	85 39	550	21	21				1 2 3
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	16	16				1 2 3
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		47				2
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	90	90				1 2 3
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	660	9	9				1 2 3
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		10				2
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		11	11			2 4C
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		20				2 C
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		21				2
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		55				2 C
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	27	27				1 2 3 G
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		14				2
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	21	68				1 2 3 C
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	75	75				1 2 3
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	630		16				2
CLINTON	1631	01	HICKMAN	6	36 41	89 00	400						C
COBB	1663	01	CALDWELL	2	36 59	87 47	500		14				2
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		63				2
#COVINGTON WSD R	1855	03	BOONE	7	39 04	84 40	869	25	25				1 2 3 C
CUMBERLAND	1964	04	HARLAN	2	36 58	83 00	1460	9	9				1 2 3
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		21				2
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200						G
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		55				2
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	21	21				1 2 3
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	39	63				1 2 3
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700						C
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	475		5				2
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	19	21	18		JUL	1 2 34C
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	19	19	19			1 2 34
DUNDEE	2358	01	OHIO	3	37 33	86 46	425		31				2 C
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		32				2
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793						C
EASTERN KENTUCKY UNIV	2409	03	MADISON	4	37 45	84 20	1000						G
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		29				2 C
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		21				2
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	630		14				2
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	17	85				1 2 3
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	66	67				1 2 3
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	718		3				2
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		48				2
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	15	15				1 2 3 CG
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		58				2
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	25	44				1 2 3 C
FORDSVILLE	2979	01	OHIO	3	37 37	86 46					JAN		C
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	88	90				1 2 3
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		67				2
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		19				2
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		21				2
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		15				2
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		30				2
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		63				2
GILBERTSVILLE KY DAM	3223	01	LIVINGSTON	9	37 01	88 16	360	5	5				1 2 3
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		43				2
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	19	19				1 2 3 G
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		21				2
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	19	19				1 2 3
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	11	30				1 2 3
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	715		3				2
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	79	85				1 2 3
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		22				2
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	56	56				1 2 3 G
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755						C
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		34				2
HAZARD	3709	04	PERRY	4	37 15	83 12	869						C
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	881		22				2
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	39	57				1 2 3 C
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	50	58				1 2 3 G
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512						C
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	22	22				1 2 3
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		70				2
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	6	6				1 2 3
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	16	16				1 2 3 C
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	54[illegible]	76	76				1 2 3
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	11	32				1 2 3
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	75	75				1 2 3 G
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	11	54				1 2 3
JAMESTOWN	4208	02	RUSSELL	2	36 58	85 04		1	1				1 2 34
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1160		32				2
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		31				2
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		16				2
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		47				2
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	77	77				1 2 3
LEXINGTON WSD R	4746	03	FAYETTE	4	38 02	84 36	966	92	93				1 2 3 C
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050						G
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		31				2 C
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		62				2 C
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		53				2
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		62				2
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773						C
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200						C
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	18	18				1 2 3
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		21				2 C
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	16	16				1 2 3 C
LOUISVILLE WSD R	4954	02	JEFFERSON	7	38 11	85 44	477	38	38				1 2 3 C
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		24				2
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	44	46				1 2 3
LUCAS	5002	02	BARREN	3	36 53	86 02	738						C
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	25	25	16			1 2 34C
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	37	37				1 2 3
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	21	21				1 2 3
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		31			MAR	2
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5	5				1 2 3 G
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	76	75				1 2 3 C
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	9	21				1 2 3
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662						C
META	5370	04	PIKE	1	37 34	82 27	730		1		MAR		2 C
MIDDLESBORO	5389	04	BELL	2	36 36	83 44	1175	75	80				1 2 3 C
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		30				2
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790						C
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	600		31				2
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	15	35				1 2 3
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750						C
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	79	82				1 2 3
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	15	15				1 2 3
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	610		44				2 C
MURRAY	5694	01	CALLOWAY	9	36 37	88 19	540	46	46				1 2 3
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		8	8	8			1 2 34
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750						C
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		14				2
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	76	75				1 2 3
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		43				2 C
OWENTON	6104	03	OWEN	4	38 32	84 50	955	2	2				1 2 3
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	23	23				1 2 3
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325	24	24				1 2 3 C
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		39				2 C
PARADISE STEAM PLANT R	6155	01	MUHLENBURG	3	37 16	86 59	419		11				2
PARIS	6170	03	BOURBON	5	38 12	84 14	810				AUG		C
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	36	67				1 2 3 C
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		9				2
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	69	73				1 2 3 CG
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840						G
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		55				2
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	80	84				1 2 3
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401		18				1 2 3
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	8	8				1 2 3
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	60	63				1 2 3
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850						C
ST MARY	7096	02	MARION	8	37 35	85 21	743						C
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		59				2
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859						C
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		20				2
SANDY HOOK 4 NW	7165	04	ELLIOT	1	38 07	83 12	920						G
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	25	25				1 2 3
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		12				2 C
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		31				2
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	81	83				1 2 3
SHEPHERDSVILLE	7334	02	BULLITT	8	38 01	85 43	450		19				2
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862						C
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955						C
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	22	22				1 2 3 G
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		30				2
STEARNS 1 W	7680	04	MCCREARY	2	36 42	84 29	1290	2	2				1 2 3 C
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	22	22				1 2 3
TAYLORSVILLE NO. 2	7946	03	SPENCER	8	38 02	85 21	500				JAN		C
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	488		24				2
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		30				2
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	9	9				1 2 3
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930						C
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		54				2
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		43				2 C
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		59				2
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	20	58				1 2 3
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	13	13				1 2 3
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870						C
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	9	30				1 2 3
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	23	24				1 2 3
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	75	84				1 2 3
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	69	69				1 2 3 G
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850						C
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		53				2
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585					INAC	C
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		75				2 C

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

CHANGES IN STATION NAME

NEW NAME	FORMER NAME	DATE
ALLEN	MARTIN	MARCH 26, 1971
JAMESTOWN	JAMESTOWN 8 SSW	NOVEMBER 16, 1971

RELOCATION AND CHANGES OF EQUIPMENT

ADDISON DAM 45	RECORDING RAIN GAGE REMOVED	AUGUST 10, 1971
ALLEN	EQUIPMENT MOVED 2.5 MILES NNE	MARCH 26, 1971
BARBOURVILLE	FISCHER & PORTER PRECIPITATION GAGE INSTALLED	APRIL 1, 1971
BAXTER	EQUIPMENT RELOCATED 0.3 MILE SW	JANUARY 19, 1971
BEREA	EQUIPMENT MOVED 1.0 MILE WSW	NOVEMBER 2, 1970
BRADFORDSVILLE	EQUIPMENT MOVED 100 YARDS NW	NOVEMBER 16, 1971
CLINTON	FISCHER & PORTER RAIN GAGE MOVED 0.2 MILE NNE	APRIL 5, 1971
FORDSVILLE	FISCHER & PORTER GAGE COMMISSIONED	JANUARY 1, 1971
FRANKLIN 1 E	GAGE MOVED 100 FEET NORTH	FEBRUARY 22, 1971
JAMESTOWN	EVAPORATION EQUIPMENT ADDED & MOVED 8 MILES NNE	NOVEMBER 16, 1971
LOGLICK 1 S	FISCHER & PORTER GAGE INSTALLED	DECEMBER 2, 1970
LONDON 1 SSW	FISCHER & PORTER GAGE ADDED	DECEMBER 2, 1970
MARTIN	EQUIPMENT MOVED 0.5 MILE SSW	JANUARY 21, 1971
META	EQUIPMENT MOVED 0.1 MILE SW	MARCH 26, 1971
ONEIDA	EQUIPMENT MOVED 0.1 MILE ENE	APRIL 29, 1971
PAINTSVILLE 1 S	FISCHER & PORTER GAGE ADDED	NOVEMBER 17, 1971
PARIS	FISCHER & PORTER GAGE INSTALLED & COMMISSIONED	NOVEMBER 1, 1971
PRINCETON 1 SE	FISCHER & PORTER GAGE COMMISSIONED	JANUARY 1, 1971
SEBREE	EQUIPMENT MOVED 0.3 MILE WEST	MARCH 10, 1971
SHEPHERDSVILLE	EQUIPMENT MOVED 1.5 MILES NORTH	JANUARY 12, 1971
TOMPKINSVILLE	EQUIPMENT MOVED 180 FEET NORTH	MARCH 30, 19[illegible]1

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY."

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.

+ Also on earlier date (dates) or months.

* Amount included in following measurement.

// Gage is equipped with a windshield.

B Adjusted to a full month.

E Amount is wholly or partially estimated.

M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.

R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.

G Soil temperatures published.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

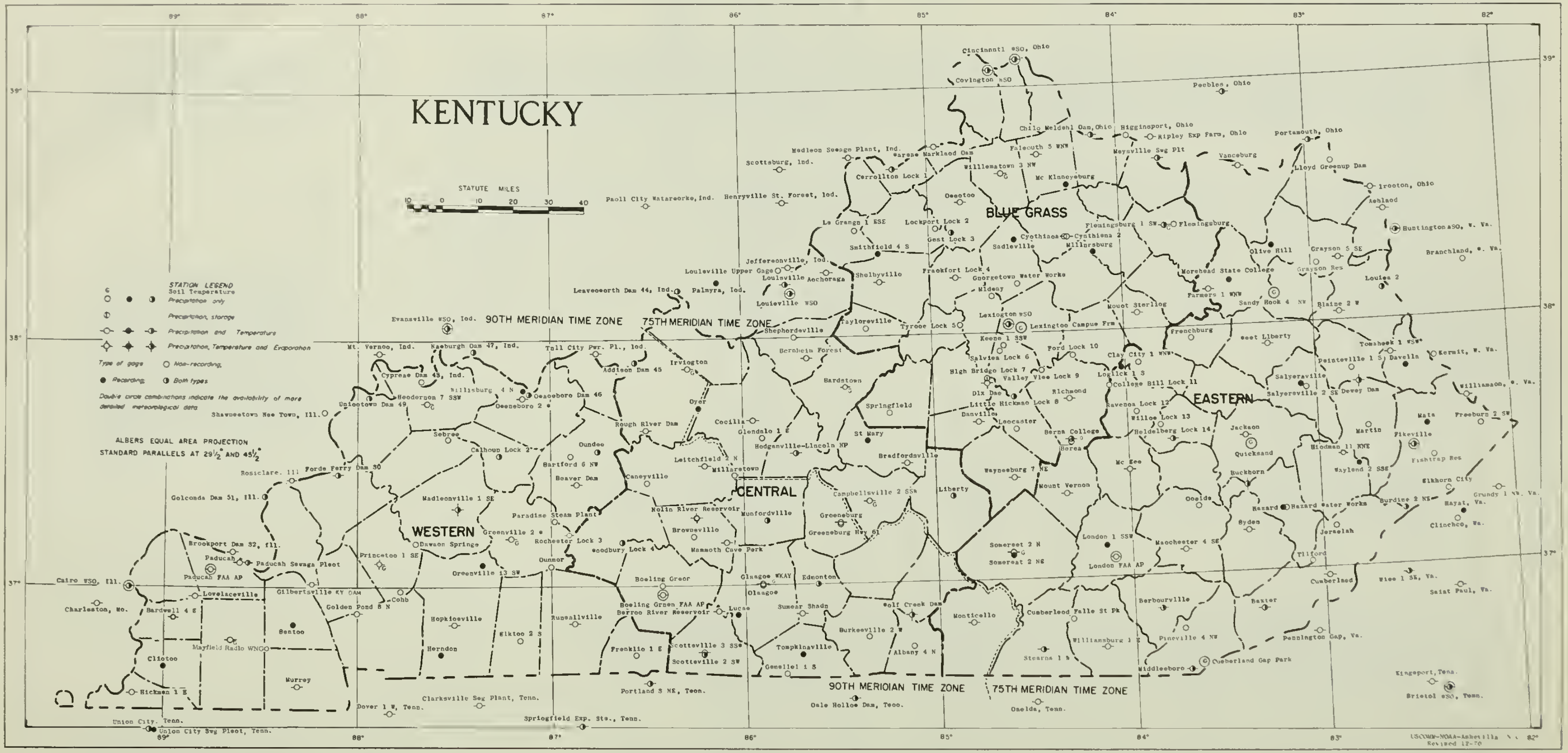
Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 30 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 3/27/72-970

KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
Soil Temperature
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording, ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
Cincinnati WSO, Ohio
Covington WSO
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Medison Sewage Plant, Ind.
Scottsburg, Ind.
Markland Dam
Falmouth 5 WNW
Williamstown 3 NW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington WSO, W. Va.
Branchland, W. Va.
Carrollton Lock 1
Owenton
Mc Kinneysburg
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Grayson 5 SE
Grayson Res
Louisa 2
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 4 NW
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WSO
Taylorsville
Tyrone Lock 5
Lexington WSO
Lexington Campus Frm
Mount Sterling
Frenchburg
West Liberty
Evansville WSO, Ind.
Shepherdsville
Keene 1 SSW
Ford Lock 10
Clay City 1 WNW
Tomahawk 1 WSW
Kermit, W. Va.
Mt. Vernon, Ind.
Kasburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Bernheim Forest
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Lock 13
College Hill Lock 11
Paintsville 1 S
Dawella
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Cypress Dam 48, Ind.
Henderson 7 SSW
Willisburg 4 N
Owensboro Dam 46
Owensboro 2 W
Bardstown
Dix Dam
Richmond
Uniontown Dam 49
Shawneetown New Town, Ill.
Little Hickman Lock 8
Danville
Lancaster
Ravenna Lock 12
Willow Lock 13
EASTERN
Mata
Freeburn 2 SW
Sebree
Calhoun Lock 2
Oyer
Cecilia
Springfield
Glendale 1 E
Rough River Dam
Hodgenville-Lincoln NP
St Mary
Berea College
Berea
Heidelberg Lock 14
Jackson
Quicksand
Hindman 11 NNE
Martin
Pikeville
Fishtrap Res
Bartford 6 NW
Dundee
Beaver Dam
Leitchfield 2 N
Millerstown
Bradfordsville
Waynesburg 7 NE
Mount Vernon
Mc Kee
Buckhorn
Wayland 2 SSE
Elkhorn City
Rosiclare, Ill.
Forde Ferry Dam 30
Caneyville
Campbellsville 2 SSW
Liberty
Oneida
Grundy 1 NW, Va.
Golconda Dam 51, Ill.
Madisonville 1 SE
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hwy 61
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Clinchco, Va.
WESTERN
Greenville 2 W
Paradise Steam Plant
Brownsville
Hyden
Jeremiah
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Dawson Springs
Rochester Lock 3
Woodbury Lock 4
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
Manchester 4 SE
Paducah FAA AP
Princeton 1 SE
Greenville 13 SW
Ounnor
Boeling Green
London FAA AP
Tilford
Cairo WSO, Ill.
Lovelaceville
Gilbertsville KY DAM
Cobb
Glasgow WKAY
Glasgow
Edmonton
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Charleston, Mo.
Bardwell 4 E
Golden Pond 8 N
Benton
Hopkinsville
Russellville
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Mayfield Radio WNGO
Elkton 2 S
Burkesville 2 W
Williamsburg 1 E
Pineville 4 NW
Pennington Gap, Va.
Clinton
Herndon
Franklin 1 E
Scottsville 3 SSE
Scottsville 2 SW
Tompkinsville
Albany 4 N
Stearns 1 S
Middlesboro
Cumberland Gap Park
Kingsport, Tenn.
Bristol WSO, Tenn.
Murray
Hickman 1 E
Gamaliel 1 S
Portland 3 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
Dover 1 W, Tenn.
Clarksville Swg Plant, Tenn.
Springfield Exp. Sta., Tenn.
Union City, Tenn.
Union City Swg Plant, Tenn.
USCOMM-NOAA-Asheville N. C.
Revised 12-70

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